

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114351.D
 Acq On : 17 May 2019 15:54
 Operator : JU/SJ
 Sample : K2871-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(30-32)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	503	506	520	rVB	93400	134676	3.05%	0.165%
2	5.475	572	576	593	rVB	3940326	3957873	89.76%	4.845%
3	6.098	678	682	684	rBV2	128077	137613	3.12%	0.168%
4	6.286	709	714	717	rBV	66867	80664	1.83%	0.099%
5	6.381	727	730	733	rBV	156336	160023	3.63%	0.196%
6	6.492	744	749	756	rBV	4240423	4409494	100.00%	5.398%
7	6.586	761	765	767	rBV2	56154	82183	1.86%	0.101%
8	6.622	767	771	774	rVV	4601037	4098640	92.95%	5.018%
9	6.810	795	803	805	rBV6	47011	85665	1.94%	0.105%
10	6.845	805	809	816	rVB2	1447323	1409146	31.96%	1.725%
11	7.004	831	836	839	rBV	3592518	3377522	76.60%	4.135%
12	7.122	853	856	859	rVB	187866	190815	4.33%	0.234%
13	7.151	859	861	864	rBV2	88317	80689	1.83%	0.099%
14	7.181	864	866	870	rVV2	94328	95128	2.16%	0.116%
15	7.233	870	875	879	rVV3	158662	210098	4.76%	0.257%
16	7.269	879	881	887	rVB6	62419	77177	1.75%	0.094%
17	7.381	893	900	901	rBV3	160386	252638	5.73%	0.309%
18	7.404	901	904	914	rVB	2695355	2935721	66.58%	3.594%
19	7.486	914	918	922	rVB3	154250	227951	5.17%	0.279%
20	7.551	922	929	931	rBV3	112191	235628	5.34%	0.288%
21	7.598	934	937	939	rVV2	86304	105819	2.40%	0.130%
22	7.622	939	941	944	rVV2	163832	159773	3.62%	0.196%
23	7.651	944	946	949	rVB2	168850	128458	2.91%	0.157%
24	7.728	954	959	960	rBV3	80824	97477	2.21%	0.119%
25	7.745	960	962	964	rVV	143303	112436	2.55%	0.138%
26	7.769	964	966	969	rVB3	246595	218159	4.95%	0.267%
27	7.810	969	973	975	rBV3	176823	225370	5.11%	0.276%
28	7.839	975	978	980	rBV2	140879	114121	2.59%	0.140%
29	7.875	980	984	989	rBV6	195193	291658	6.61%	0.357%
30	7.922	989	992	994	rBV	110501	86746	1.97%	0.106%
31	7.945	994	996	1001	rVB4	113276	122777	2.78%	0.150%
32	7.992	1002	1004	1008	rBV2	101047	149108	3.38%	0.183%
33	8.080	1014	1019	1021	rBV4	110383	204089	4.63%	0.250%
34	8.128	1021	1027	1033	rVV	1710437	1967505	44.62%	2.409%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114351.D
 Acq On : 17 May 2019 15:54
 Operator : JU/SJ
 Sample : K2871-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(30-32)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.186	1033	1037	1040	rVB	775466	713292	16.18%	0.873%
36	8.216	1040	1042	1044	rBV2	193357	152759	3.46%	0.187%
37	8.280	1050	1053	1055	rBV2	117178	135233	3.07%	0.166%
38	8.333	1059	1062	1064	rVV2	277932	229351	5.20%	0.281%
39	8.416	1068	1076	1083	rBV6	529675	953391	21.62%	1.167%
40	8.469	1083	1085	1088	rBV2	225747	195837	4.44%	0.240%
41	8.510	1088	1092	1095	rVB4	216516	263757	5.98%	0.323%
42	8.545	1095	1098	1100	rBV	973259	841253	19.08%	1.030%
43	8.569	1100	1102	1104	rVV	189421	130485	2.96%	0.160%
44	8.592	1104	1106	1108	rVB2	172835	142476	3.23%	0.174%
45	8.633	1110	1113	1115	rVB	261467	210912	4.78%	0.258%
46	8.669	1115	1119	1121	rBV3	326035	354077	8.03%	0.433%
47	8.716	1124	1127	1131	rBV3	375702	396515	8.99%	0.485%
48	8.816	1140	1144	1147	rVB3	449271	519255	11.78%	0.636%
49	8.875	1151	1154	1156	rVB3	232243	182568	4.14%	0.224%
50	8.904	1156	1159	1162	rBV5	179534	322609	7.32%	0.395%
51	9.004	1173	1176	1178	rBV4	240290	312004	7.08%	0.382%
52	9.033	1178	1181	1185	rVB4	438220	504146	11.43%	0.617%
53	9.075	1185	1188	1192	rBV6	124666	198980	4.51%	0.244%
54	9.122	1193	1196	1198	rBV2	246797	197230	4.47%	0.241%
55	9.145	1198	1200	1205	rVB	1342670	1105941	25.08%	1.354%
56	9.198	1205	1209	1214	rBV	4659179	4346814	98.58%	5.322%
57	9.239	1214	1216	1218	rBV3	106014	86665	1.97%	0.106%
58	9.280	1220	1223	1228	rBV3	764210	1026967	23.29%	1.257%
59	9.398	1240	1243	1247	rVB2	303844	298626	6.77%	0.366%
60	9.463	1251	1254	1258	rVV2	426910	556623	12.62%	0.681%
61	9.539	1264	1267	1269	rBV	728602	630986	14.31%	0.772%
62	9.604	1273	1278	1280	rBV2	1771080	2263757	51.34%	2.771%
63	9.627	1280	1282	1284	rVB2	109353	78643	1.78%	0.096%
64	9.657	1285	1287	1289	rVB	323698	226121	5.13%	0.277%
65	9.745	1299	1302	1306	rBV4	402423	544327	12.34%	0.666%
66	9.792	1307	1310	1312	rVV	539367	534833	12.13%	0.655%
67	9.810	1312	1313	1318	rVB2	549172	390400	8.85%	0.478%
68	9.880	1318	1325	1329	rBV	1991434	2480793	56.26%	3.037%
69	9.916	1329	1331	1334	rVB3	300541	255322	5.79%	0.313%
70	9.986	1340	1343	1347	rVB	529213	625126	14.18%	0.765%
71	10.039	1347	1352	1355	rBV5	248271	505053	11.45%	0.618%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114351.D
 Acq On : 17 May 2019 15:54
 Operator : JU/SJ
 Sample : K2871-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(30-32)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.074	1355	1358	1364	rVV2	641570	955900	21.68%	1.170%
73	10.139	1364	1369	1372	rVV4	522273	809870	18.37%	0.991%
74	10.198	1376	1379	1381	rBV	677533	669798	15.19%	0.820%
75	10.227	1381	1384	1386	rVV	337904	247335	5.61%	0.303%
76	10.292	1391	1395	1396	rBV3	612627	722419	16.38%	0.884%
77	10.310	1396	1398	1400	rVB	799968	586709	13.31%	0.718%
78	10.339	1400	1403	1405	rBV3	232402	231041	5.24%	0.283%
79	10.369	1405	1408	1413	rVB3	294962	515989	11.70%	0.632%
80	10.427	1415	1418	1424	rVV6	423219	738164	16.74%	0.904%
81	10.533	1431	1436	1440	rVB	1808185	2025439	45.93%	2.480%
82	10.645	1453	1455	1457	rBV2	335991	271445	6.16%	0.332%
83	10.674	1457	1460	1463	rBV	2526708	2283326	51.78%	2.795%
84	10.745	1470	1472	1476	rBV4	208237	346589	7.86%	0.424%
85	10.798	1476	1481	1484	rVV	3687916	4085832	92.66%	5.002%
86	11.010	1514	1517	1520	rVB3	568155	565704	12.83%	0.693%
87	11.263	1557	1560	1565	rVB	2916779	2950843	66.92%	3.613%
88	11.369	1575	1578	1581	rBV	2085672	2151062	48.78%	2.633%
89	11.392	1581	1582	1585	rVB	824829	578919	13.13%	0.709%
90	11.610	1616	1619	1623	rBV	1066759	1171496	26.57%	1.434%
91	11.657	1625	1627	1629	rVB2	482417	365388	8.29%	0.447%
92	11.874	1661	1664	1665	rBV	575977	498980	11.32%	0.611%
93	11.980	1680	1682	1685	rBV2	874884	650878	14.76%	0.797%
94	12.351	1742	1745	1748	rBV2	640411	693711	15.73%	0.849%
95	12.427	1755	1758	1760	rVB	740262	686198	15.56%	0.840%
96	12.586	1783	1785	1789	rVB	1082293	842005	19.10%	1.031%
97	12.815	1822	1824	1826	rBV	678365	561912	12.74%	0.688%
98	12.957	1844	1848	1850	rVB	3164231	3208374	72.76%	3.928%
99	14.027	2026	2030	2033	rBV2	1354260	1600443	36.30%	1.959%
100	15.539	2283	2287	2293	rVB	1119799	1531524	34.73%	1.875%

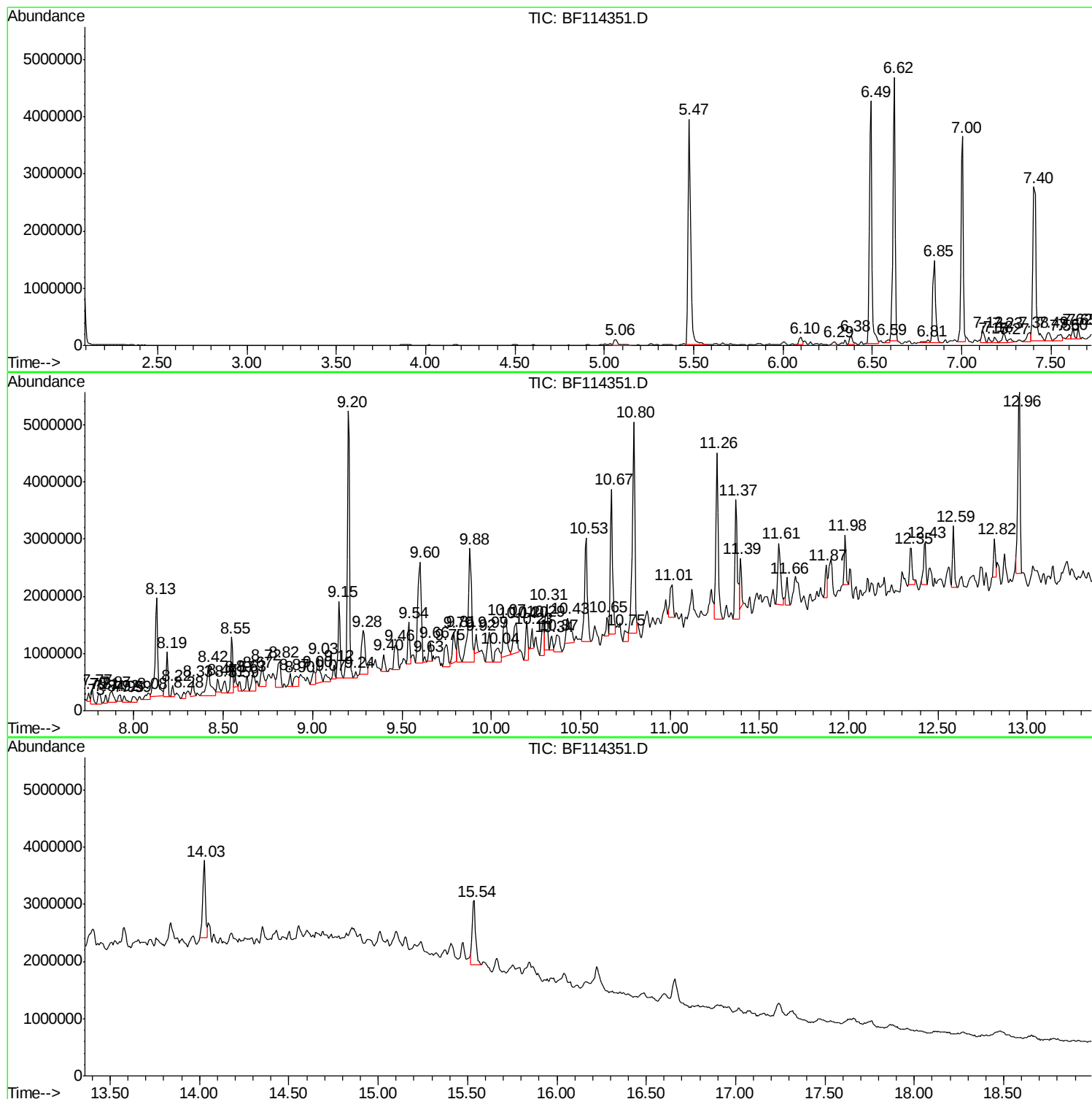
Sum of corrected areas: 81683260

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

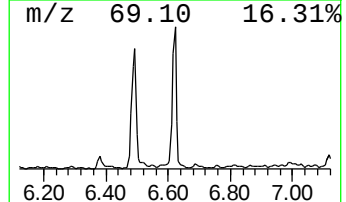
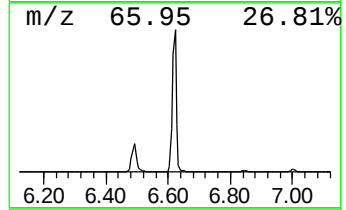
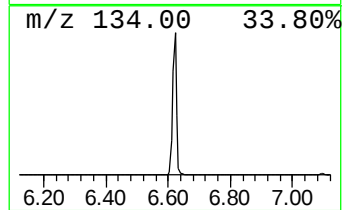
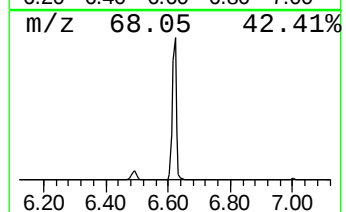
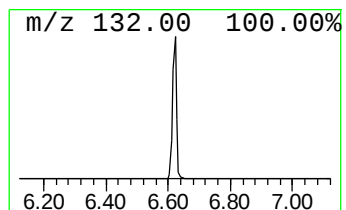
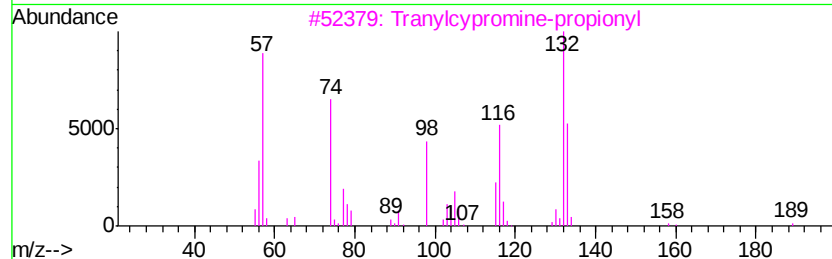
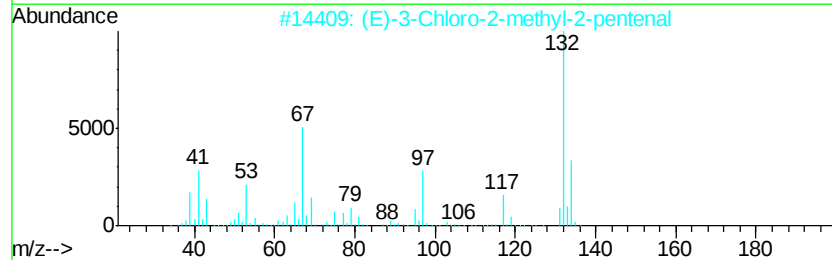
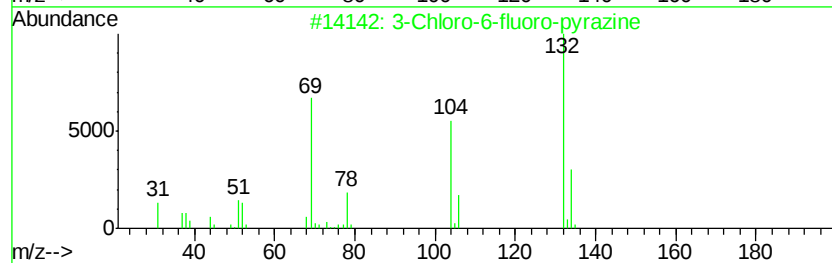
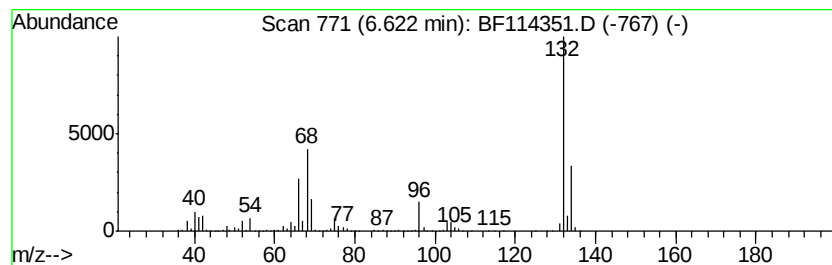
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	58.17 ng	4098640	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

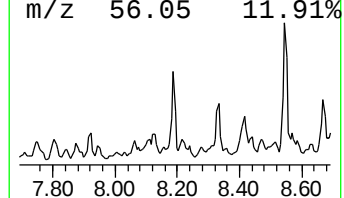
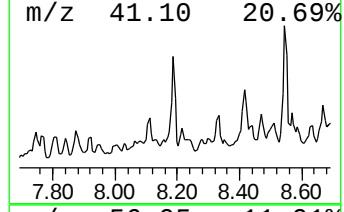
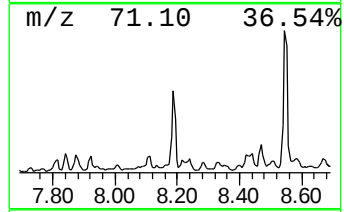
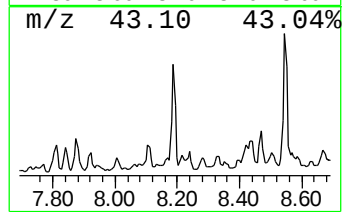
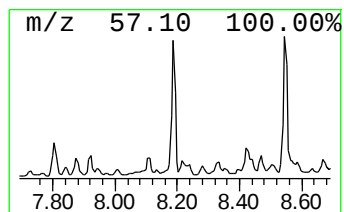
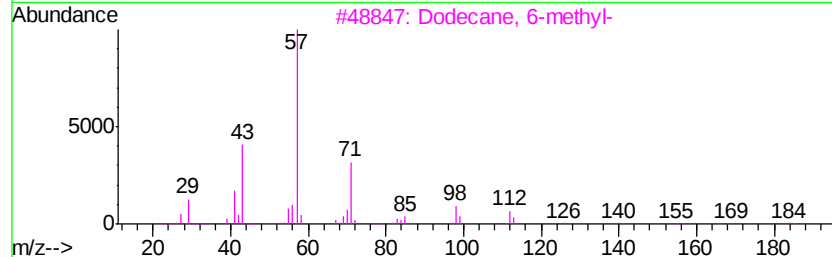
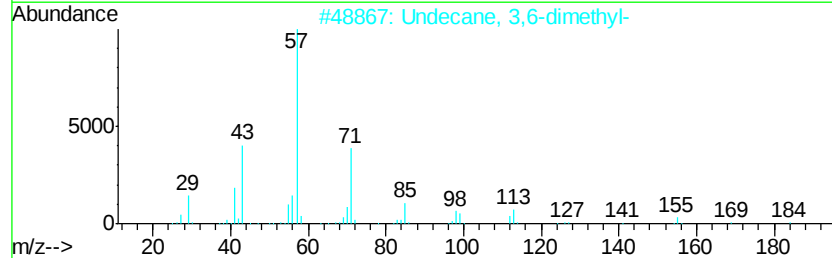
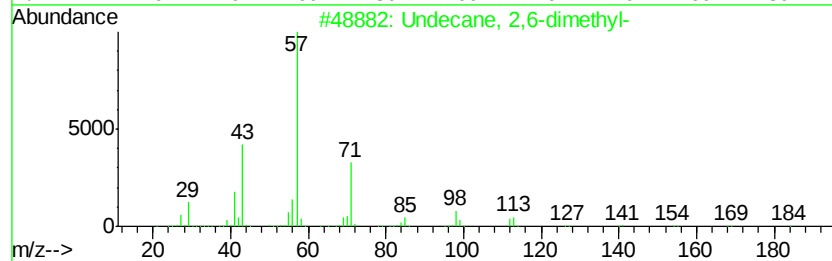
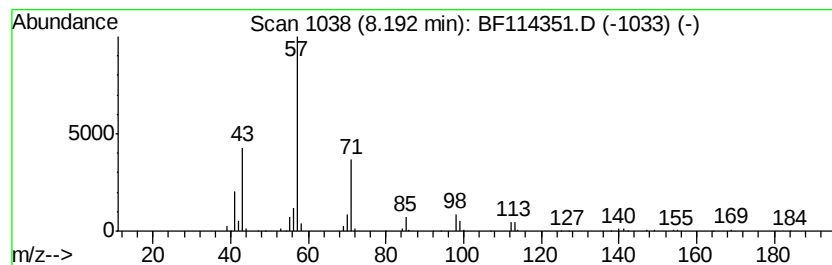
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	7.25 ng	713292	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

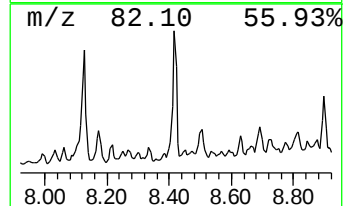
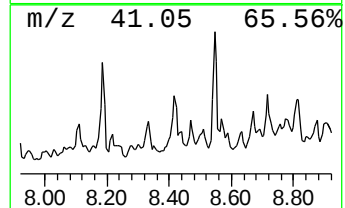
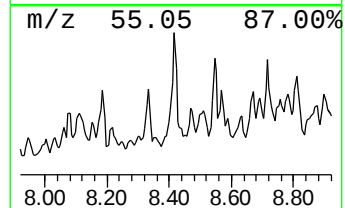
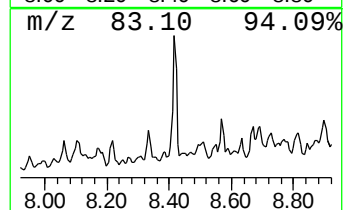
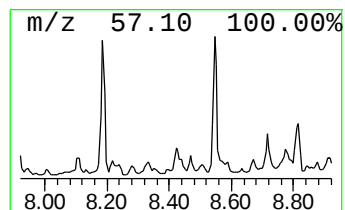
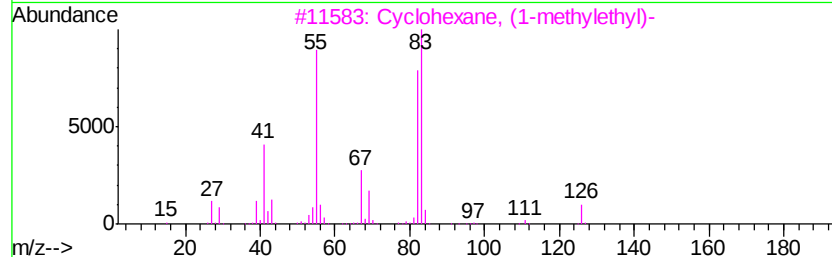
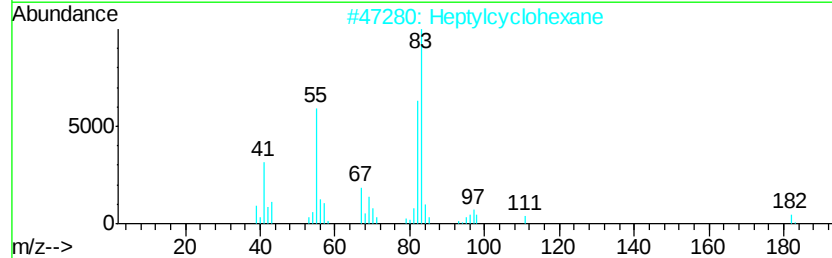
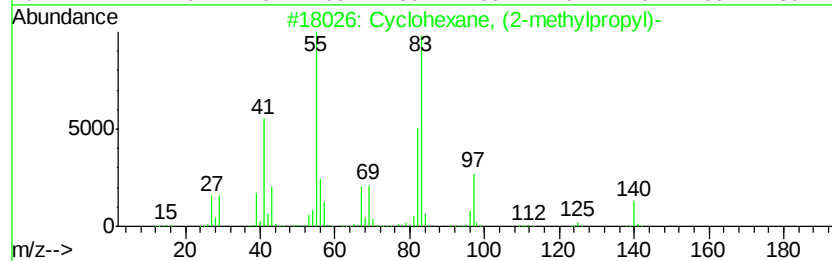
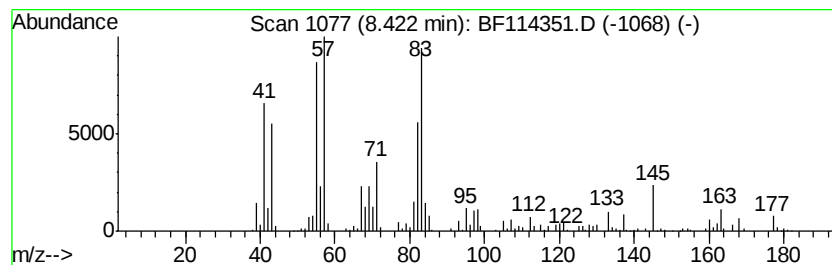
Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, (2-methylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.42	9.69 ng	953391	Naphthalene-d8	8.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2	Heptylcyclohexane	182	C13H26	005617-41-4	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
4	Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	50
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

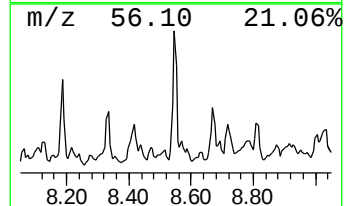
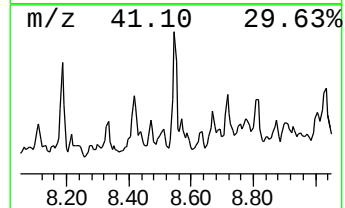
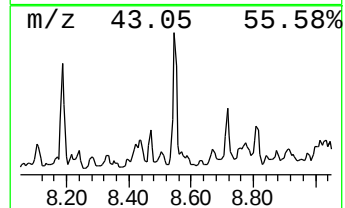
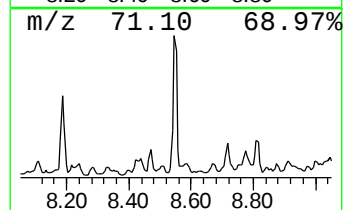
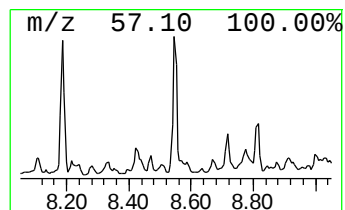
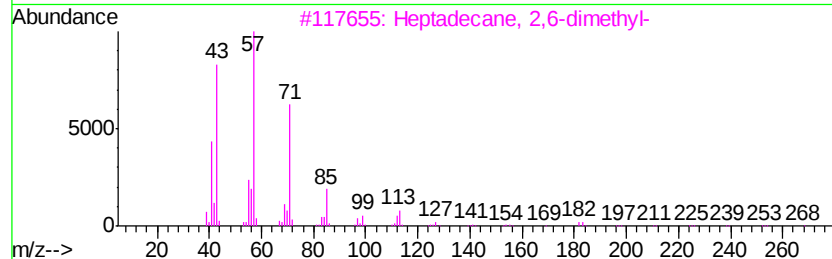
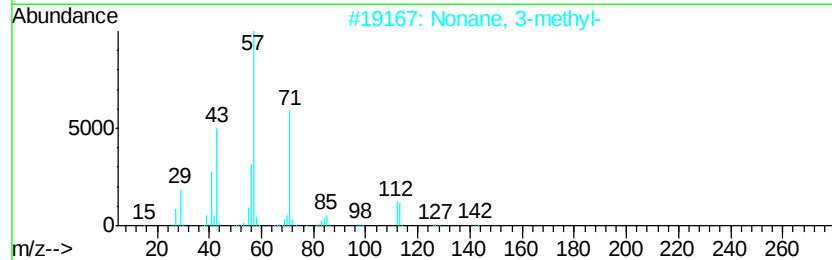
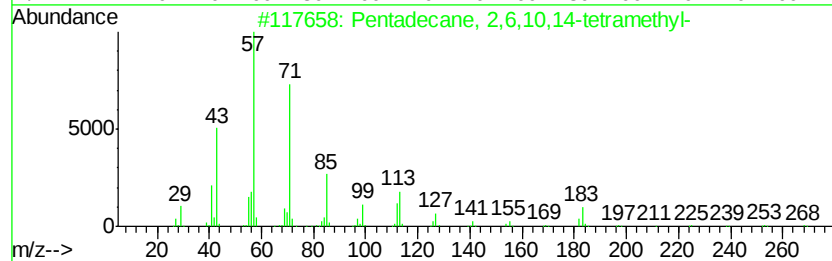
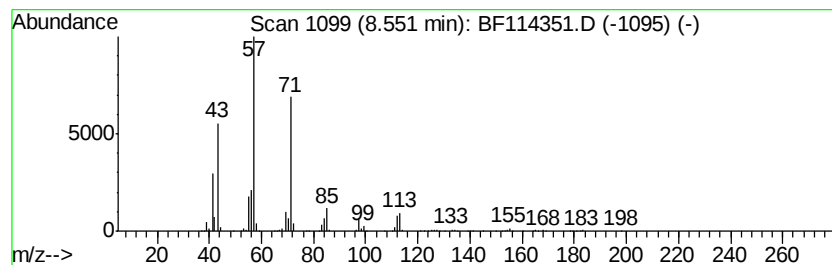
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	8.55 ng	841253	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

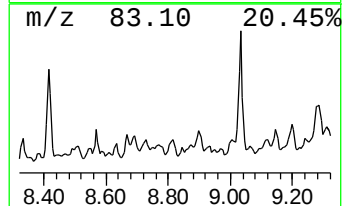
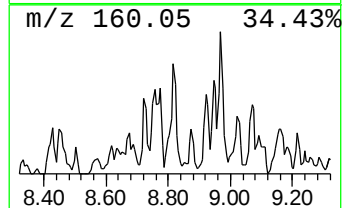
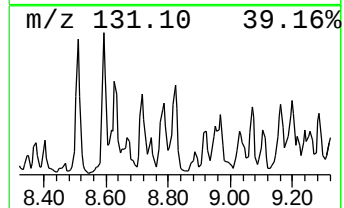
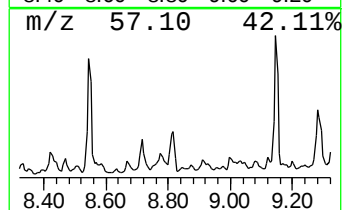
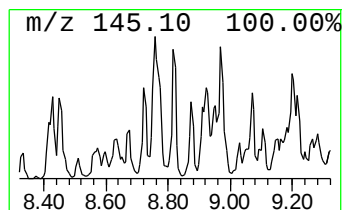
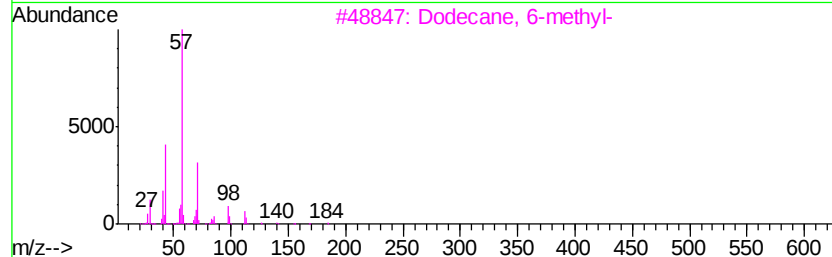
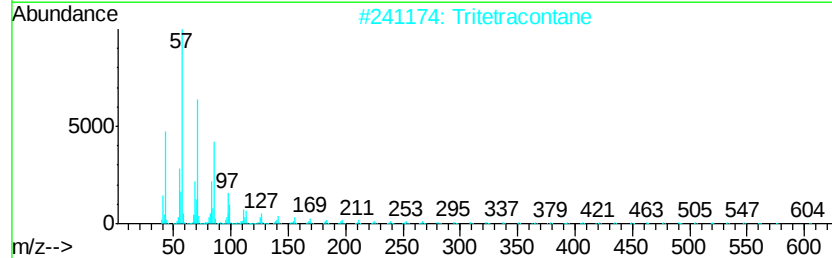
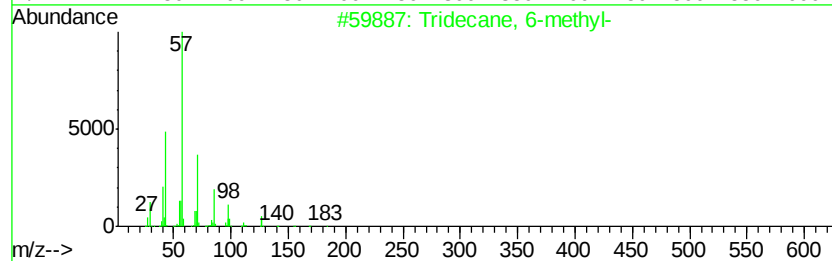
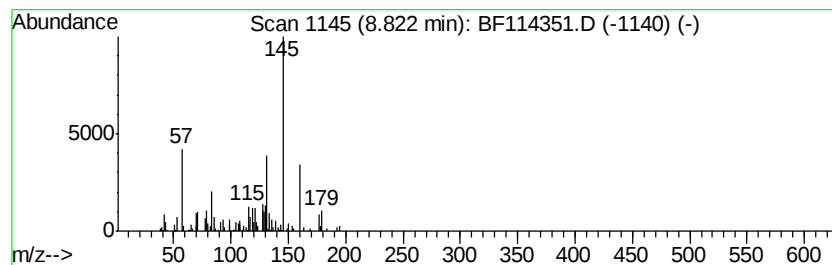
Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown8.82 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.82	5.28 ng	519255	Naphthalene-d8	8.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	46
2	Tritetracontane	605	C43H88	007098-21-7	38
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	38
4	Dodecane	170	C12H26	000112-40-3	35
5	Decane, 5-methyl-	156	C11H24	013151-35-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

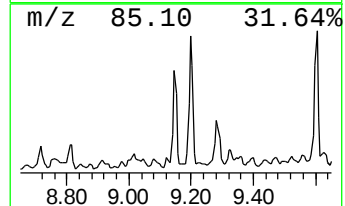
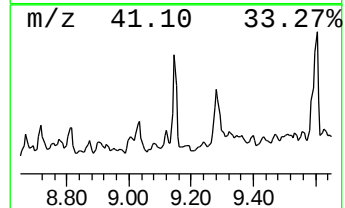
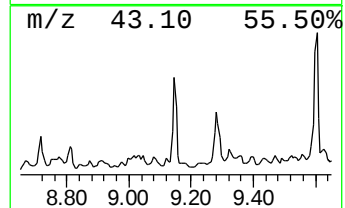
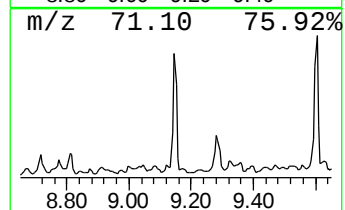
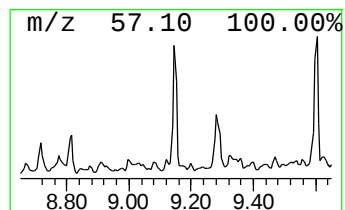
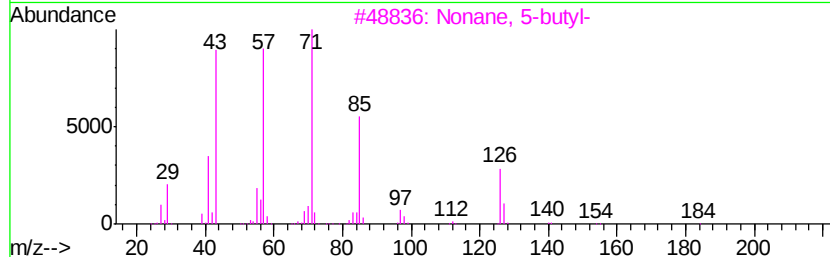
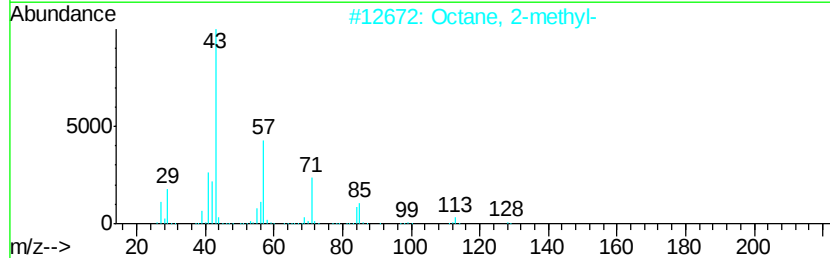
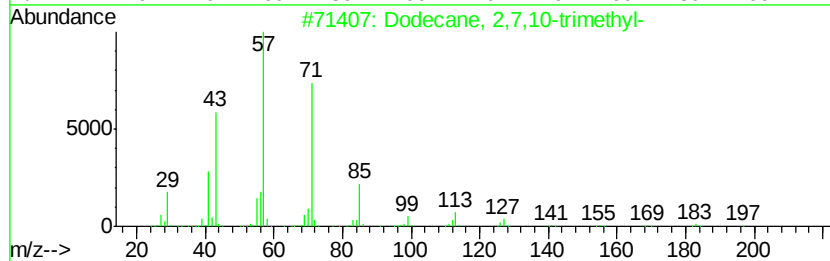
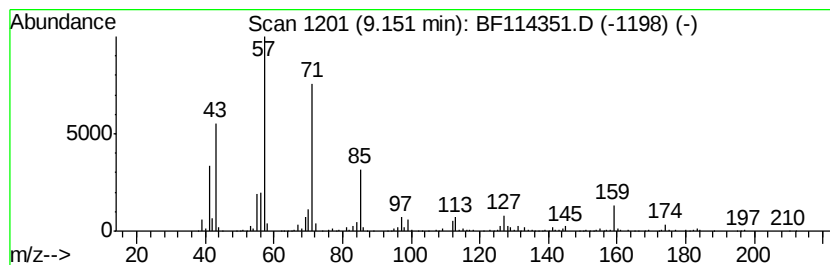
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	8.92 ng	1105940	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Octane, 2-methyl-	128	C9H20	003221-61-2	72
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114351.D
 Acq On : 17 May 2019 15:54
 Operator : JU/SJ
 Sample : K2871-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(30-32)

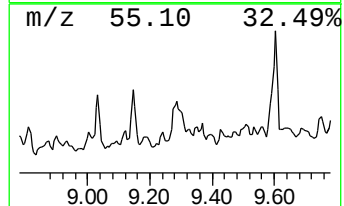
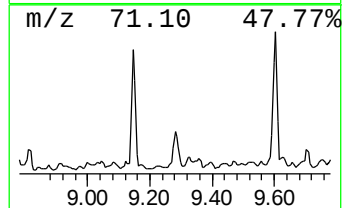
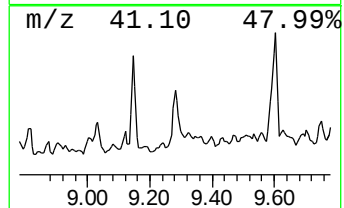
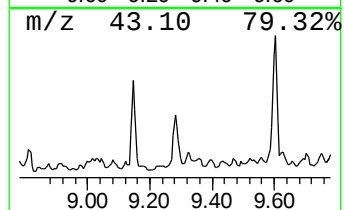
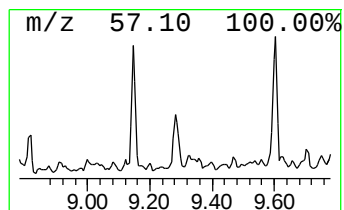
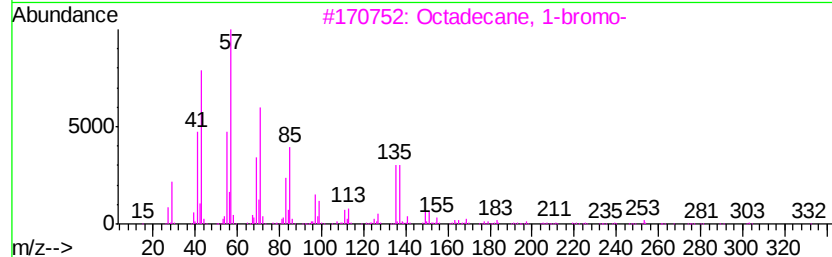
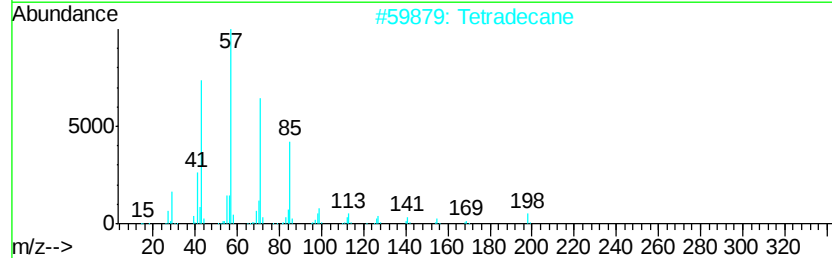
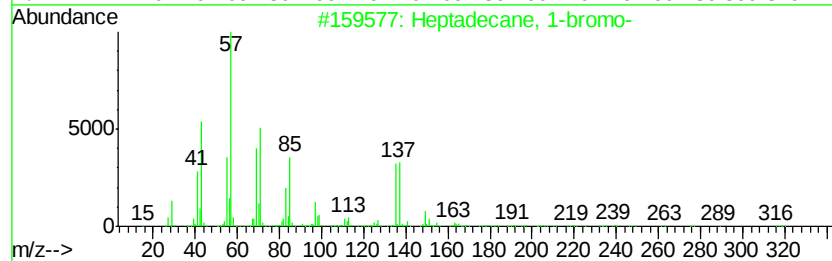
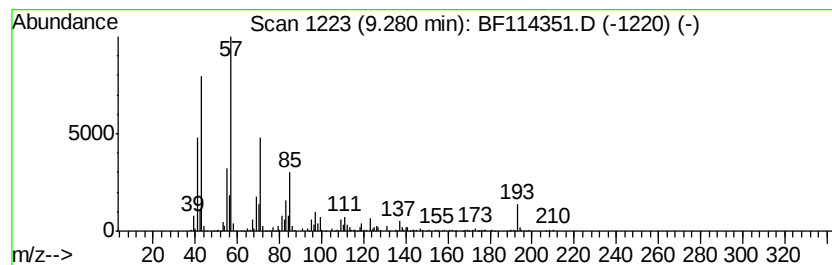
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 Heptadecane, 1-bromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	8.28 ng	1026970	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	72
2		Tetradecane	198	C14H30	000629-59-4	64
3		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	58
4		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	58
5		Tridecane	184	C13H28	000629-50-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

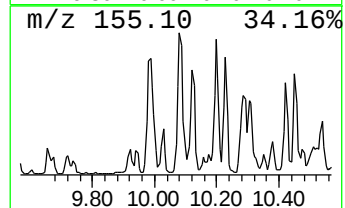
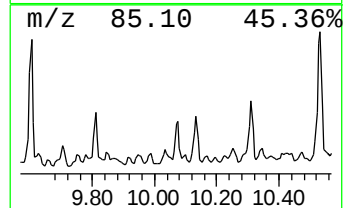
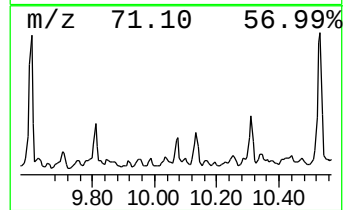
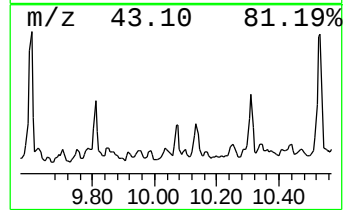
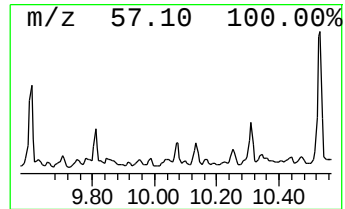
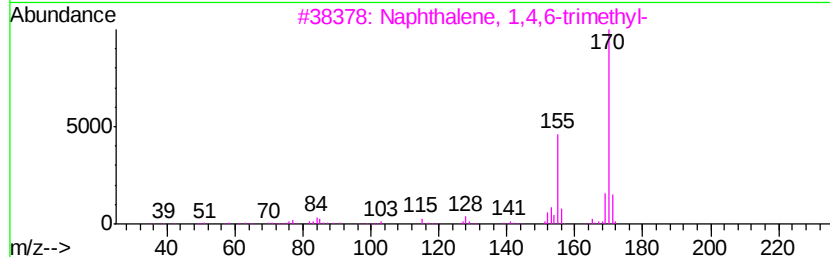
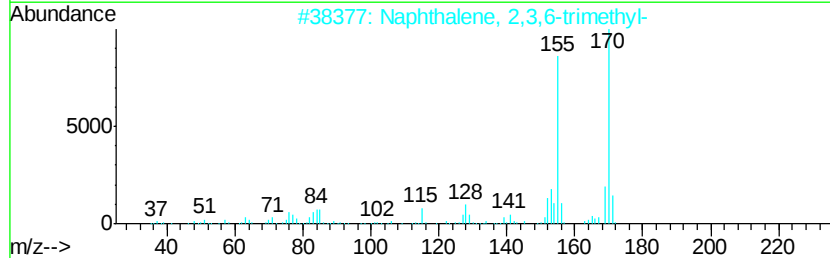
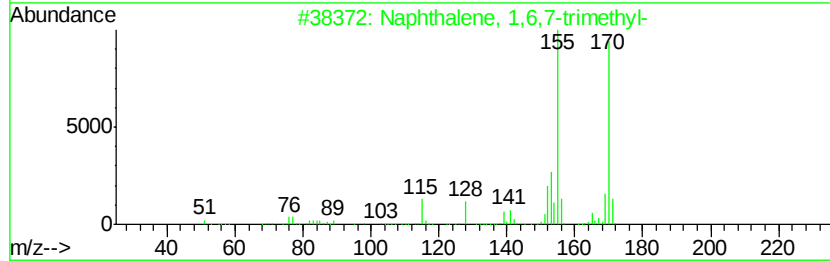
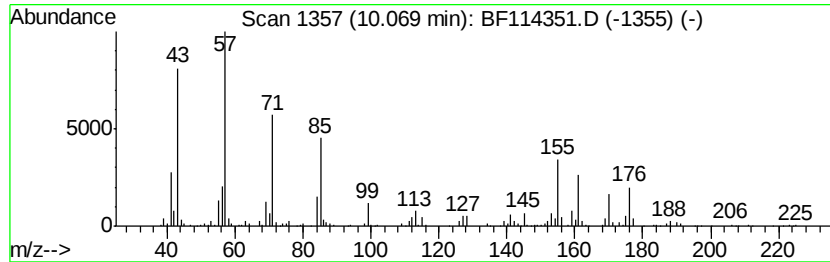
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	7.71 ng	955900	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
4		Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	49
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

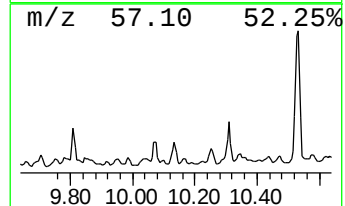
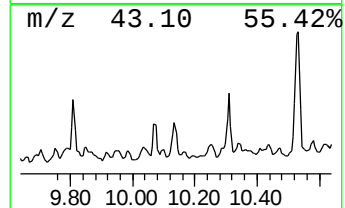
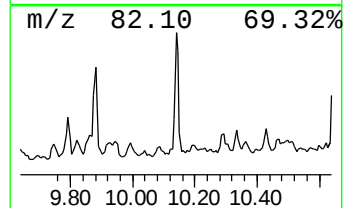
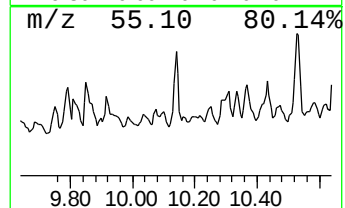
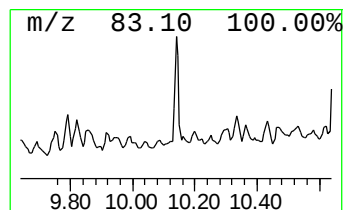
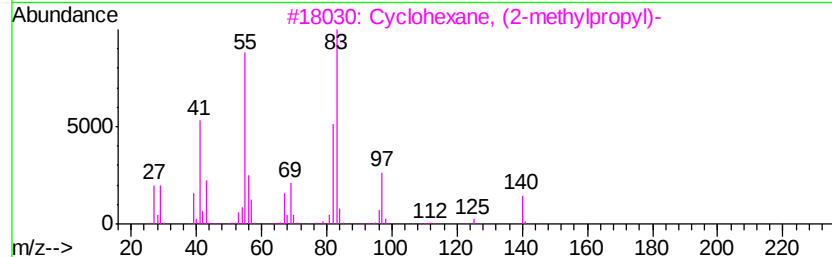
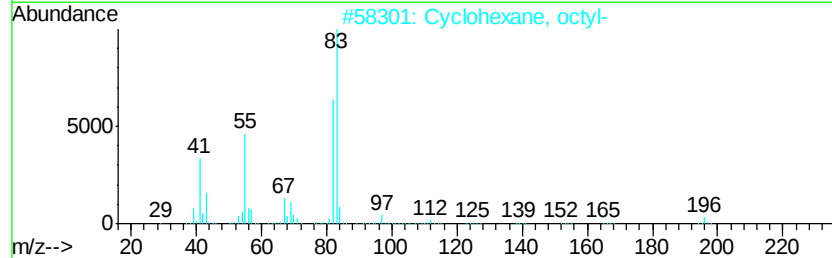
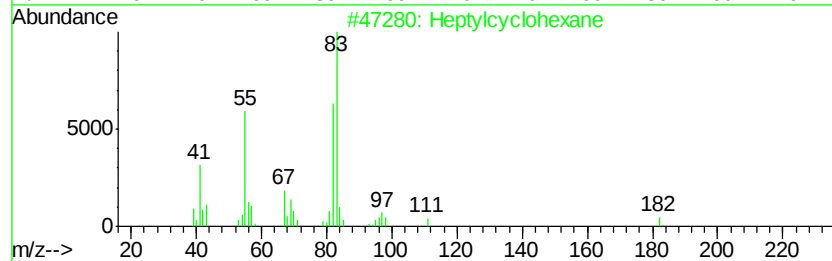
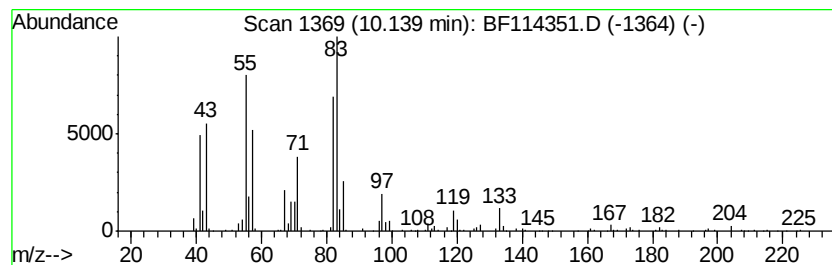
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptylcyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	6.53 ng	809870	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	64
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	52
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

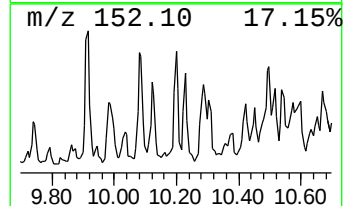
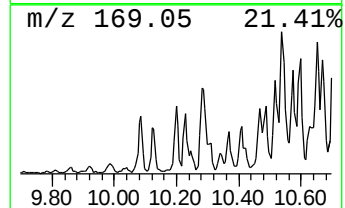
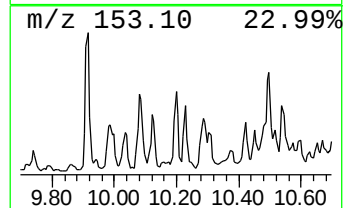
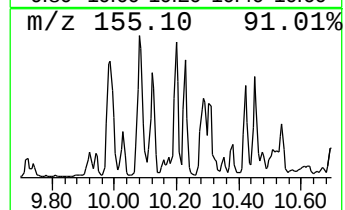
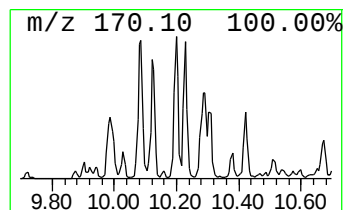
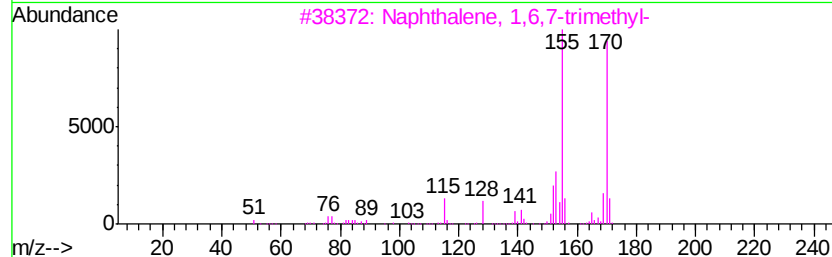
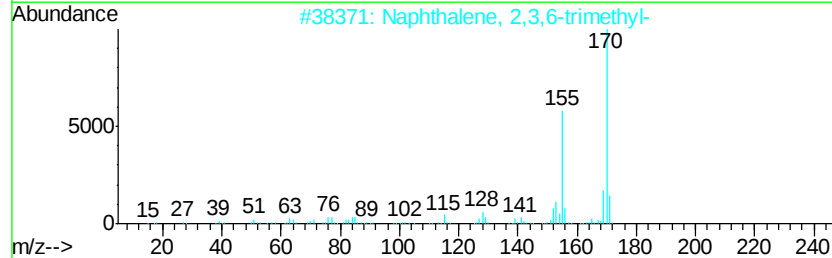
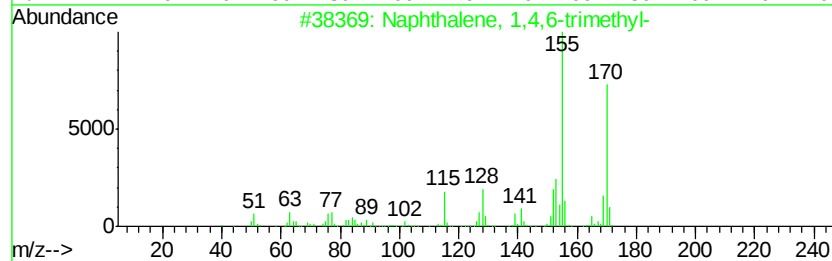
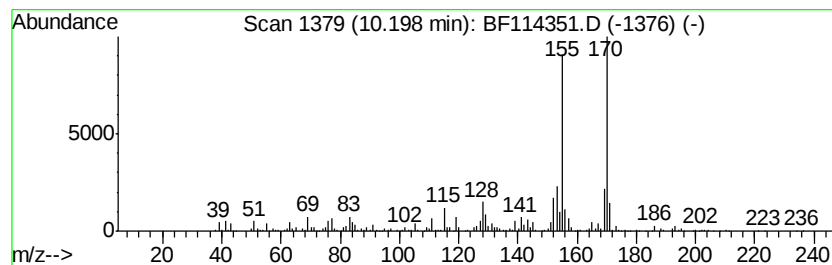
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	5.40 ng	669798	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

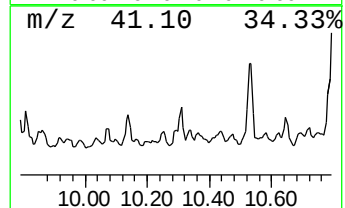
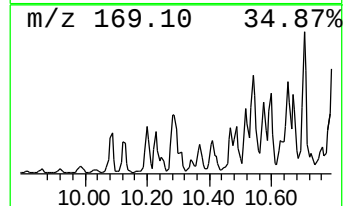
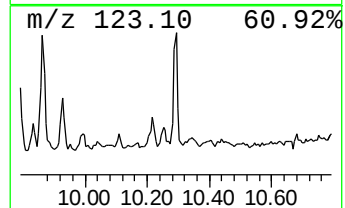
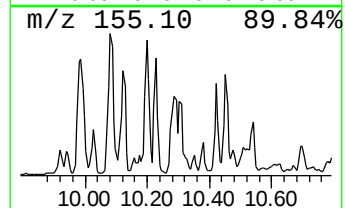
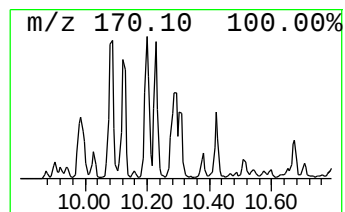
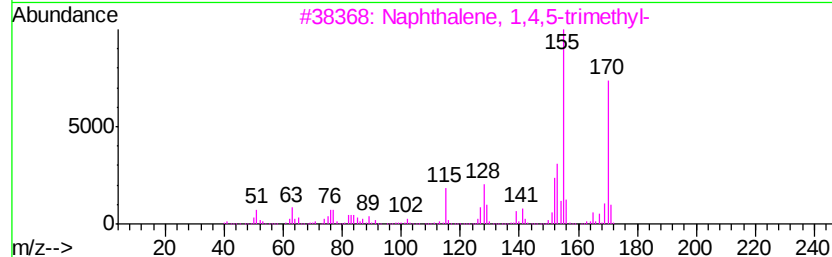
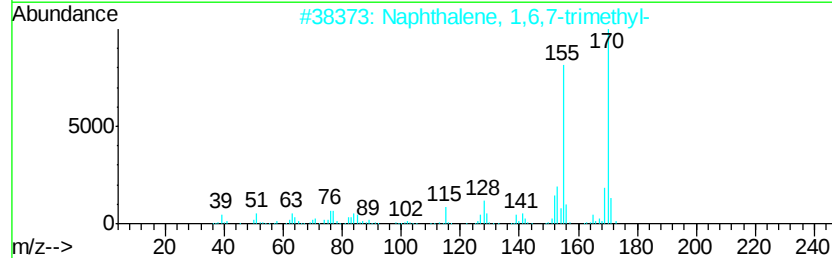
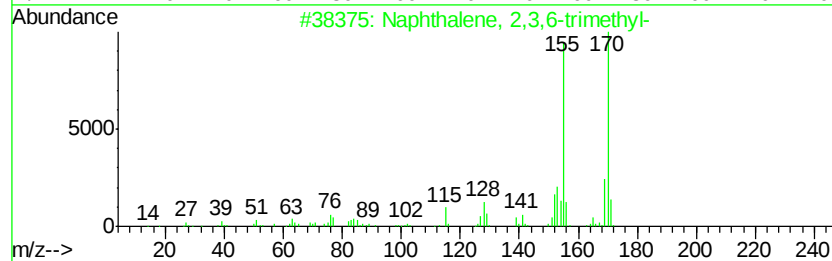
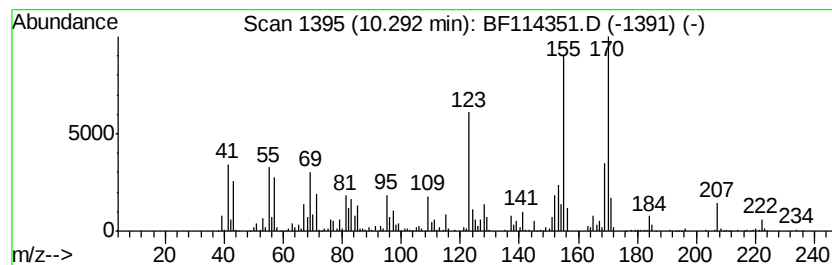
Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.29	5.82 ng	722419	Acenaphthene-d10		9.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

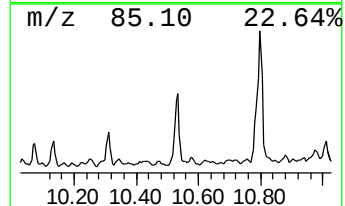
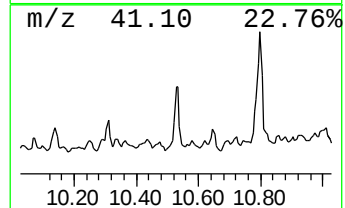
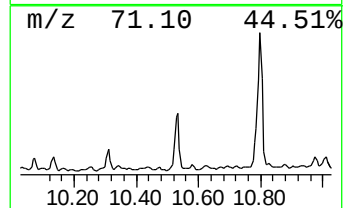
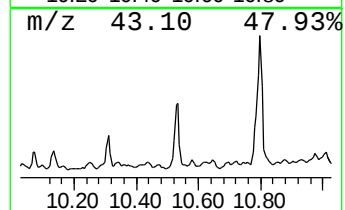
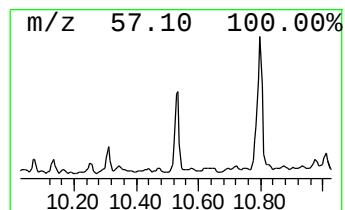
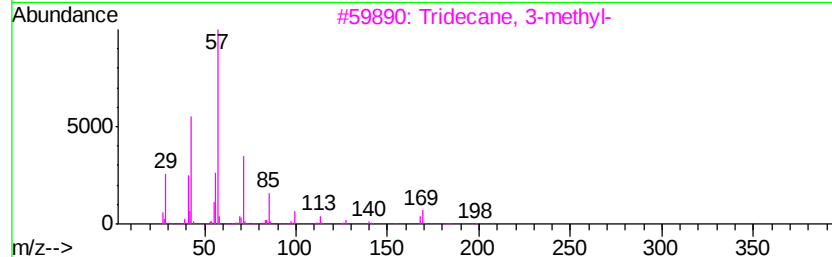
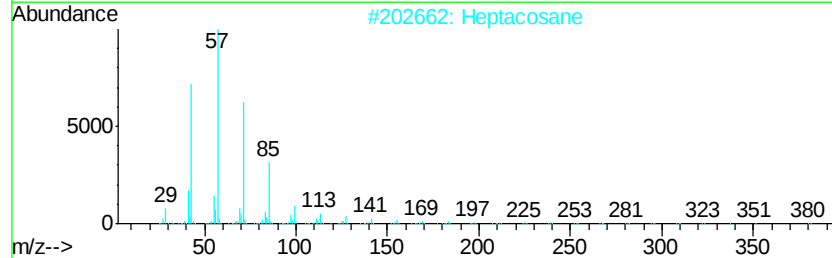
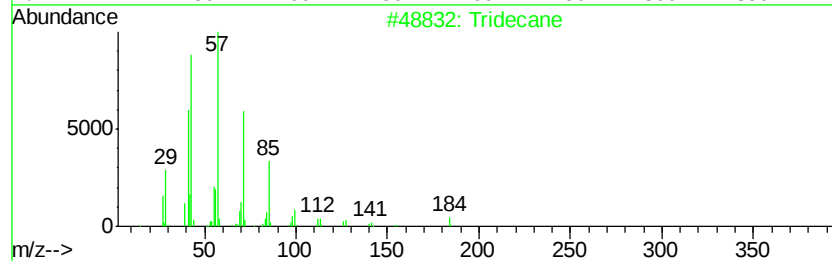
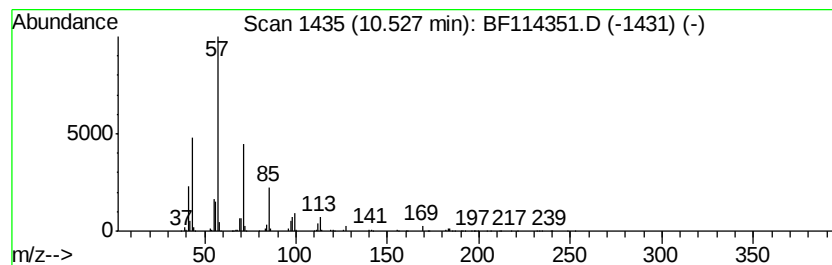
Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.53	16.33 ng	2025440	Acenaphthene-d10		9.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Heptacosane	380	C27H56	000593-49-7	80
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
4	Tetradecane	198	C14H30	000629-59-4	68
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

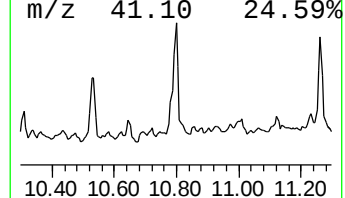
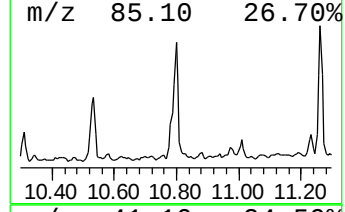
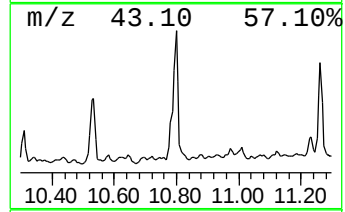
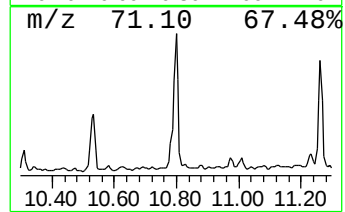
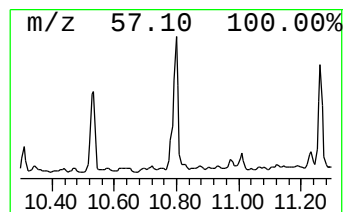
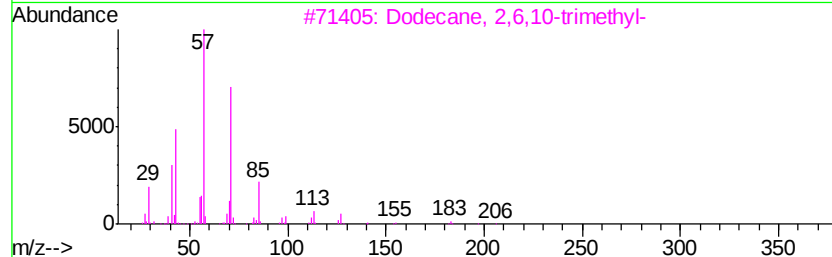
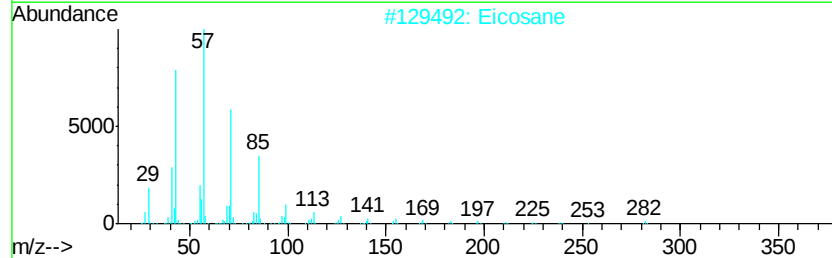
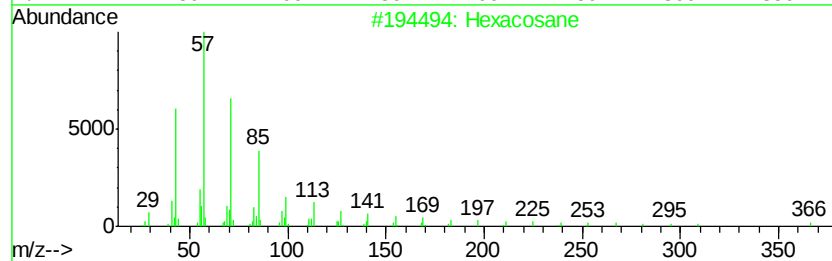
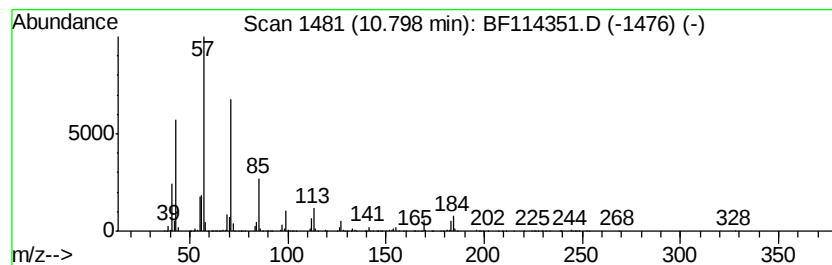
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	37.99 ng	4085830	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	78
2		Eicosane	282	C20H42	000112-95-8	72
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5		Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

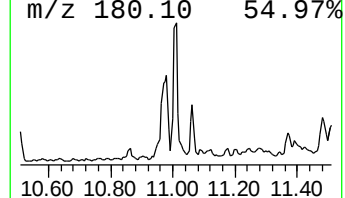
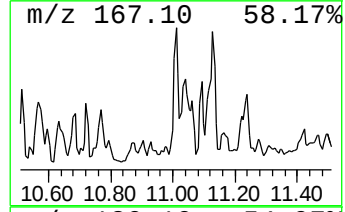
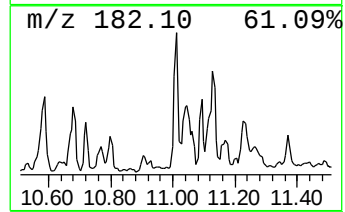
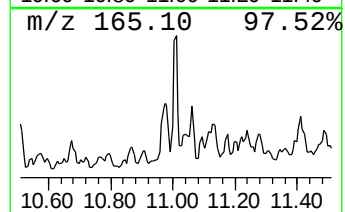
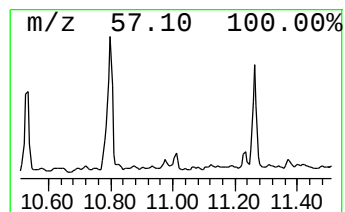
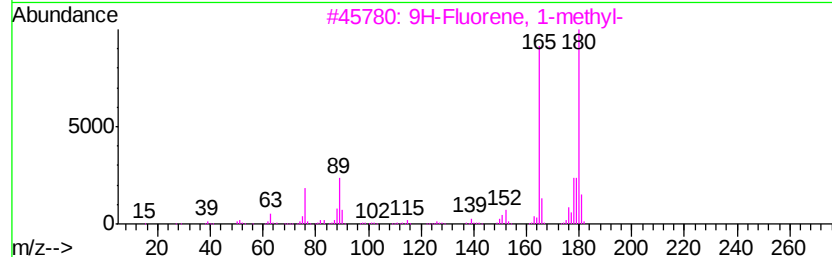
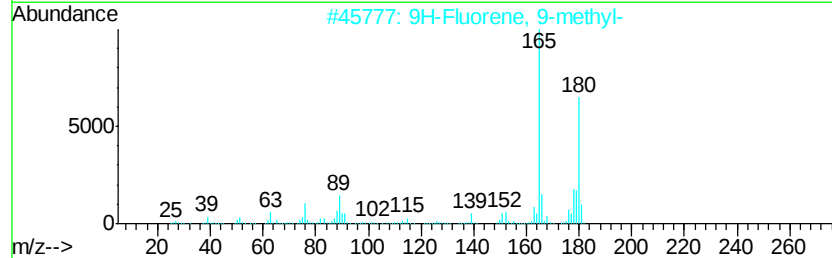
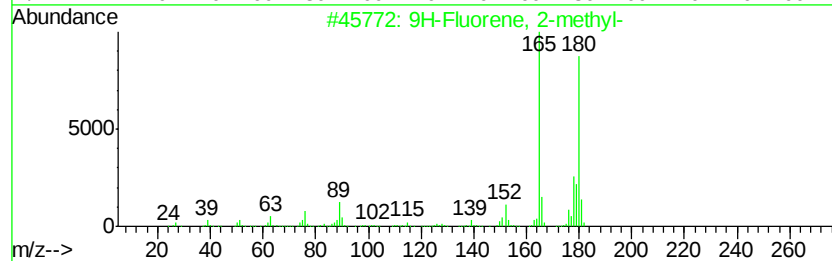
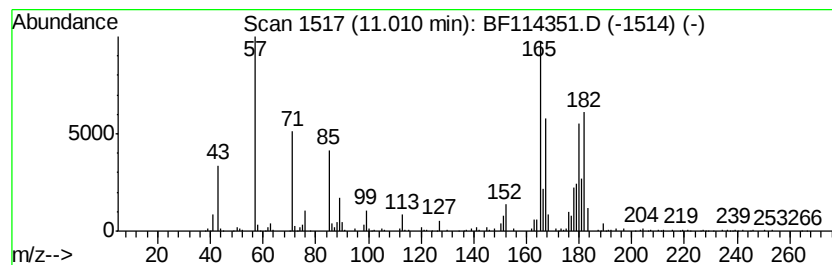
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown11.01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	5.26 ng	565704	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	42
2			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	42
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	42
4			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	38
5			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

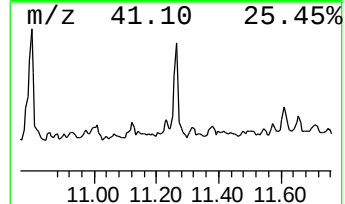
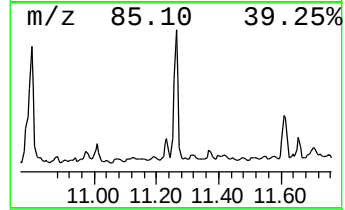
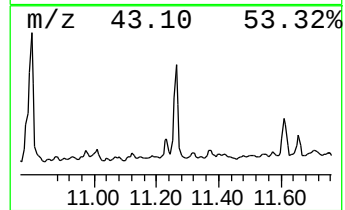
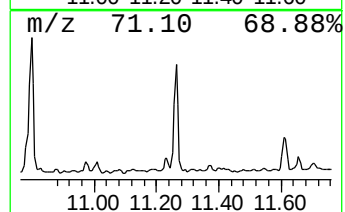
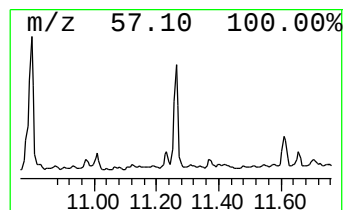
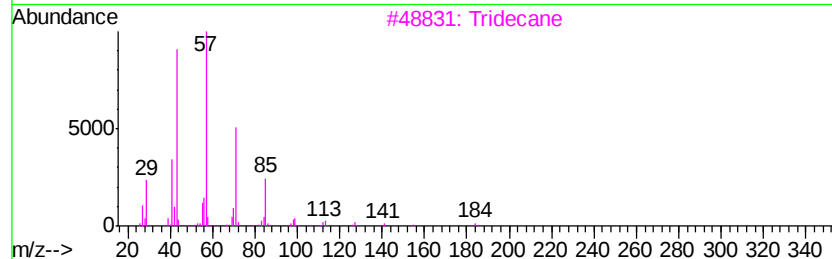
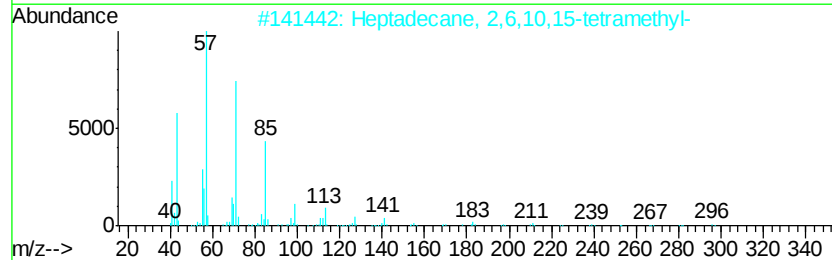
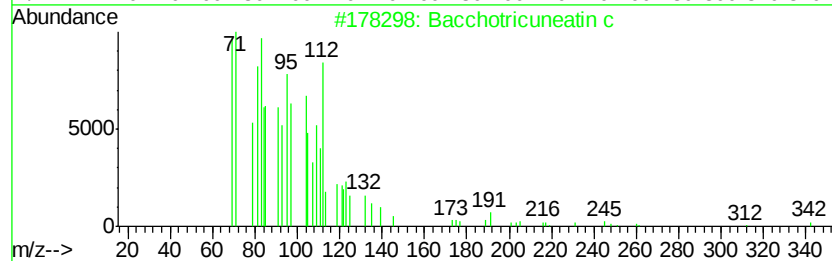
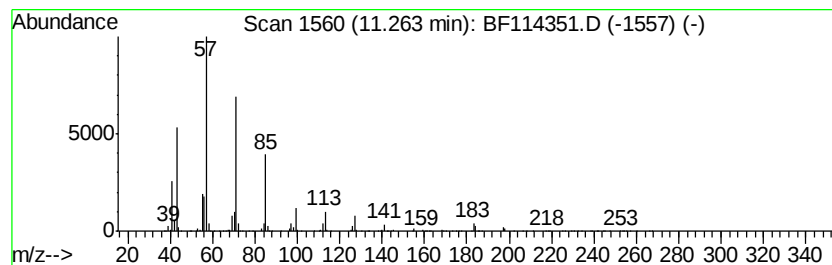
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	27.44 ng	2950840	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Tridecane	184	C13H28	000629-50-5	87
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

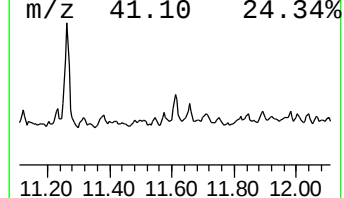
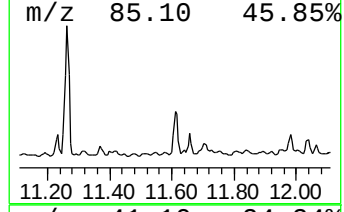
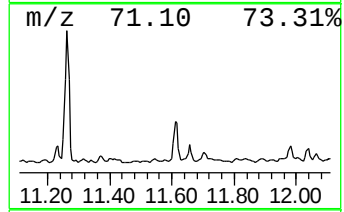
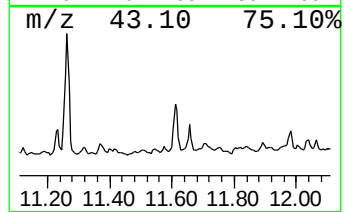
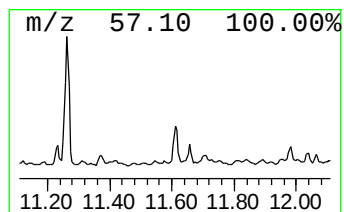
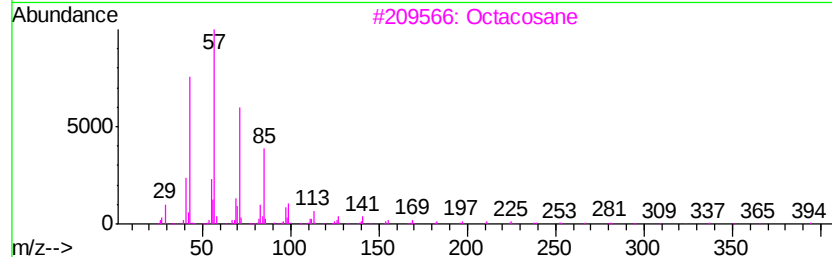
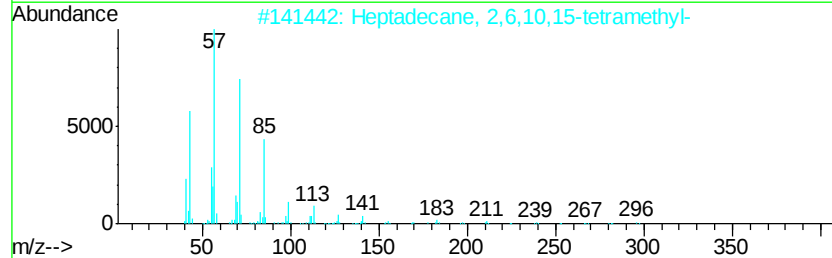
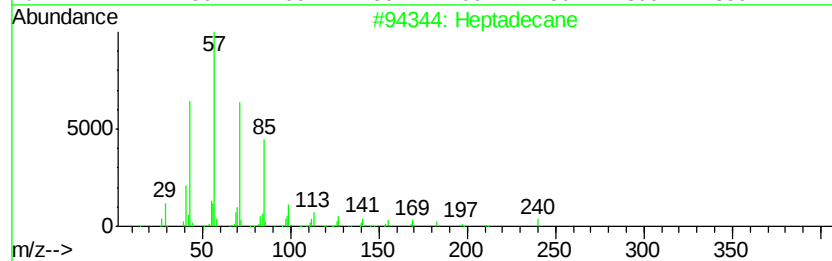
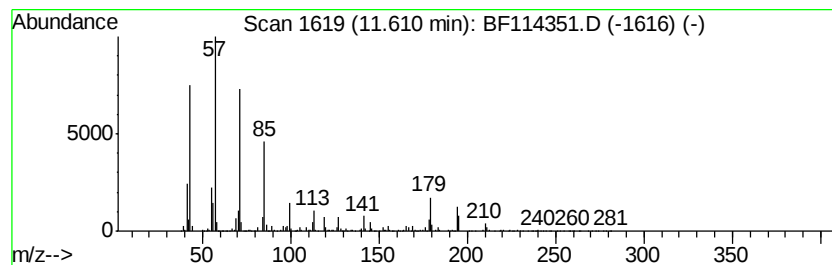
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	10.89 ng	1171500	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	81
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3		Octacosane	394	C28H58	000630-02-4	74
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

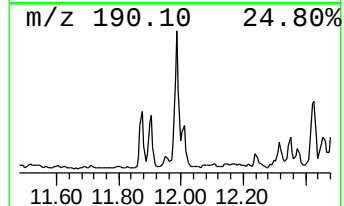
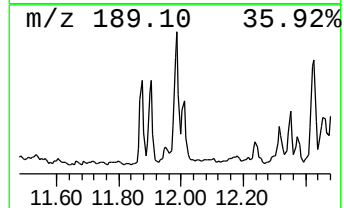
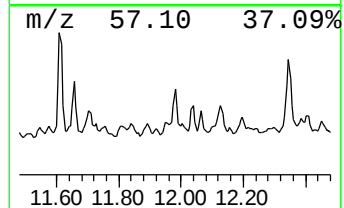
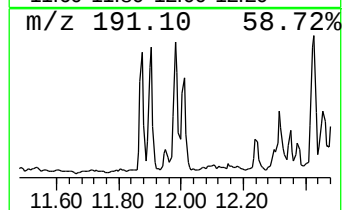
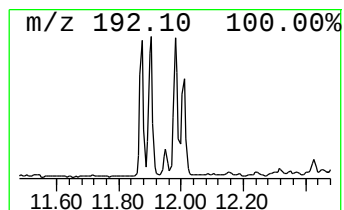
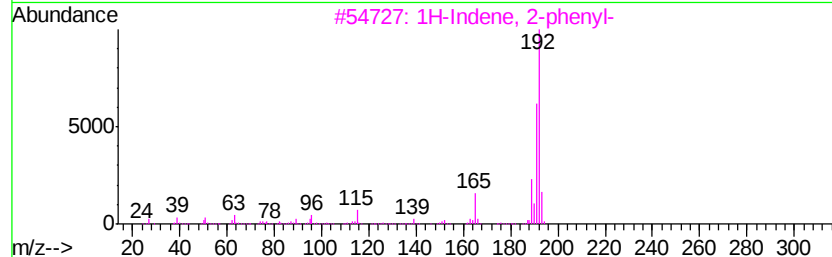
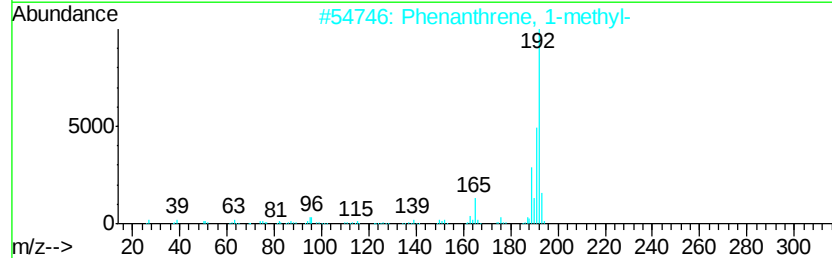
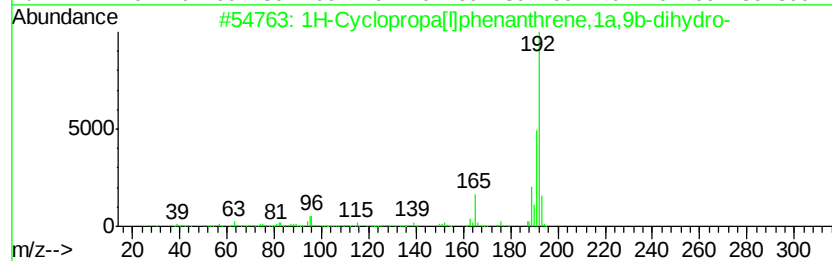
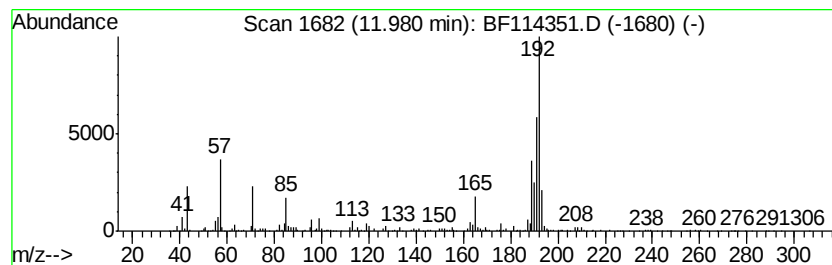
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	6.05 ng	650878	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	86
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

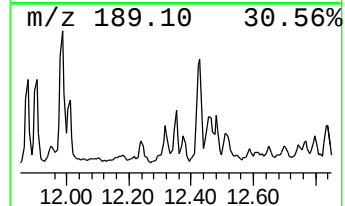
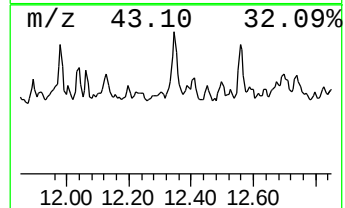
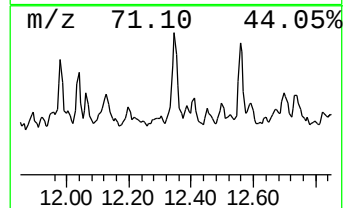
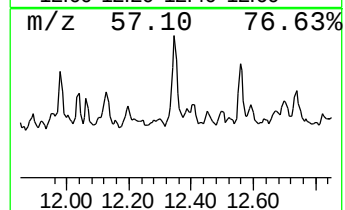
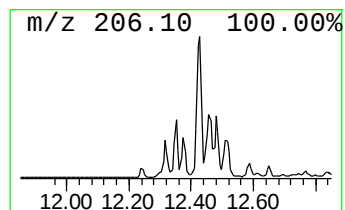
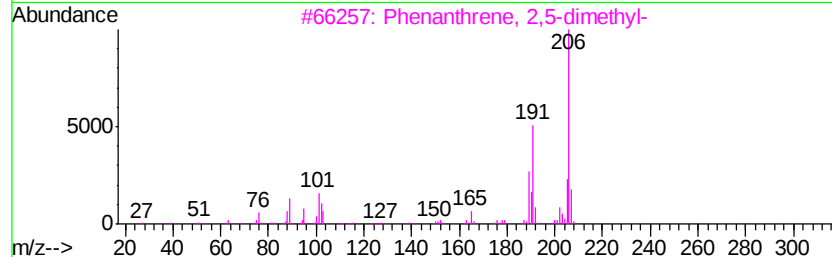
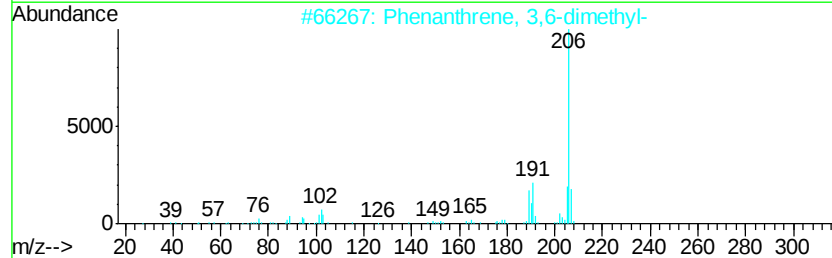
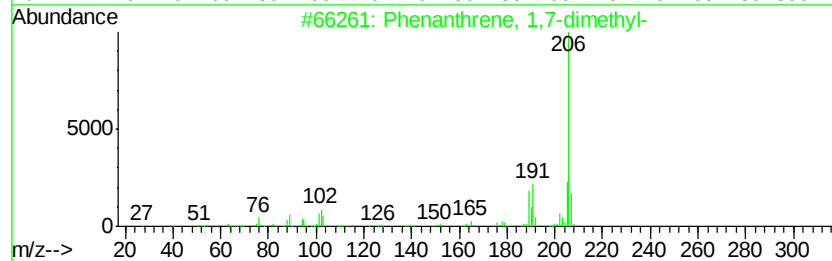
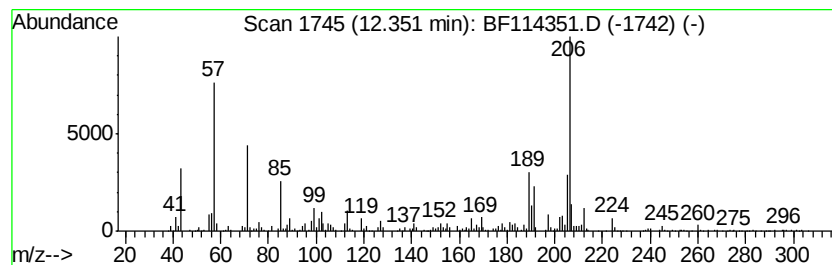
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenanthrene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.45 ng	693711	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	53
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
5			1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
Data File : BF114351.D
Acq On : 17 May 2019 15:54
Operator : JU/SJ
Sample : K2871-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04(30-32)

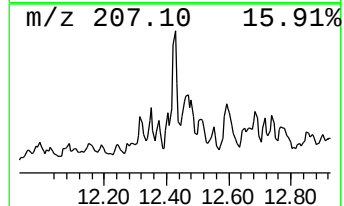
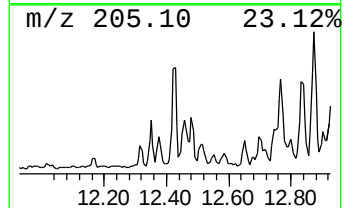
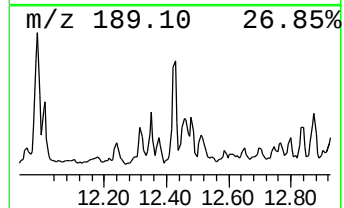
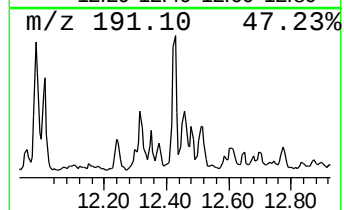
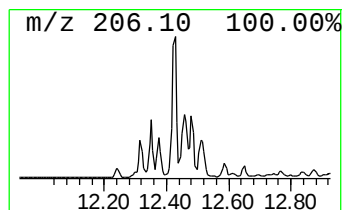
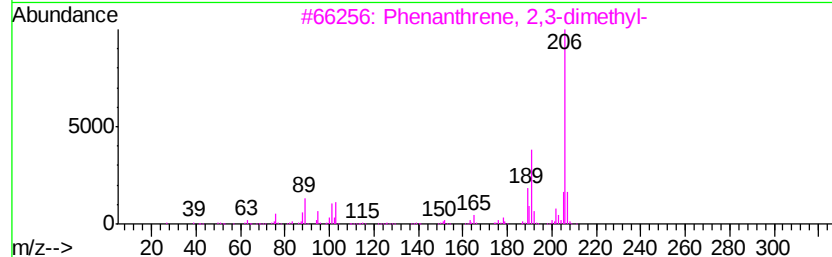
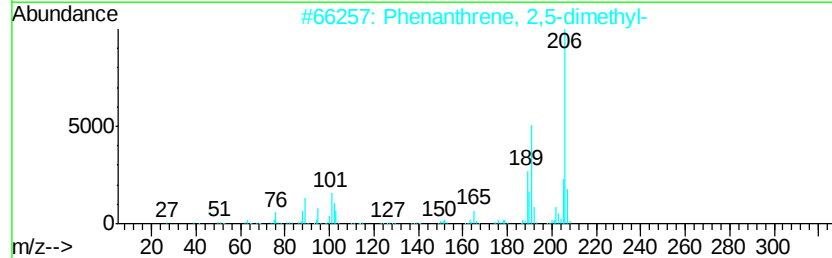
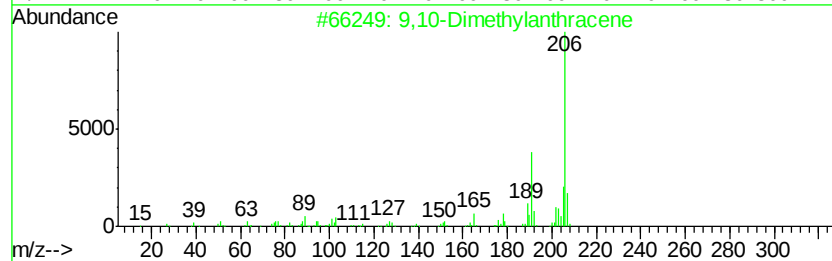
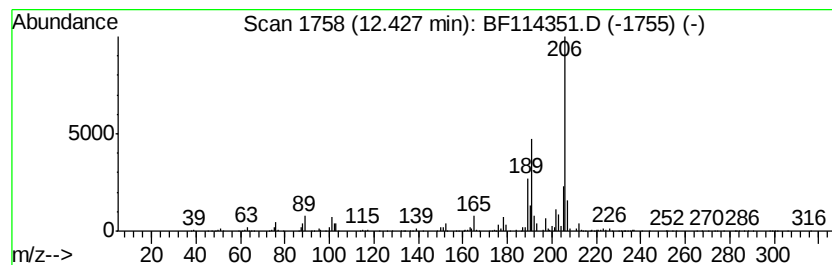
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9,10-Dimethylantracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.38 ng	686198	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114351.D
 Acq On : 17 May 2019 15:54
 Operator : JU/SJ
 Sample : K2871-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.62	6.62	58.2	ng	4098640	1	6.85	1409150	20.0
Undecane, 2,6-dim...	8.19	7.3	ng	713292	2	8.13	1967510	20.0
Cyclohexane, (2-m...	8.42	9.7	ng	953391	2	8.13	1967510	20.0
Pentadecane, 2,6,...	8.55	8.6	ng	841253	2	8.13	1967510	20.0
unknown8.82	8.82	5.3	ng	519255	2	8.13	1967510	20.0
Dodecane, 2,7,10-...	9.15	8.9	ng	1105940	3	9.88	2480790	20.0
Heptadecane, 1-br...	9.28	8.3	ng	1026970	3	9.88	2480790	20.0
Naphthalene, 1,6,...	10.07	7.7	ng	955900	3	9.88	2480790	20.0
Heptylcyclohexane	10.14	6.5	ng	809870	3	9.88	2480790	20.0
Naphthalene, 1,4,...	10.20	5.4	ng	669798	3	9.88	2480790	20.0
Naphthalene, 2,3,...	10.29	5.8	ng	722419	3	9.88	2480790	20.0
Tridecane	10.53	16.3	ng	2025440	3	9.88	2480790	20.0
Hexacosane	10.80	38.0	ng	4085830	4	11.37	2151060	20.0
unknown11.01	11.01	5.3	ng	565704	4	11.37	2151060	20.0
Bacchotricuneatin c	11.26	27.4	ng	2950840	4	11.37	2151060	20.0
Heptadecane	11.61	10.9	ng	1171500	4	11.37	2151060	20.0
1H-Cyclopropa[1]p...	11.98	6.0	ng	650878	4	11.37	2151060	20.0
Phenanthrene, 1,7...	12.35	6.5	ng	693711	4	11.37	2151060	20.0
9,10-Dimethylanthe...	12.43	6.4	ng	686198	4	11.37	2151060	20.0