

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF108996.D
 Acq On : 14 Sep 2018 15:56
 Operator : JU/SJ
 Sample : J4882-01 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28570

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-BF091418.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	5.313	503	506	512	rVB	74729	64478	5.12%	0.408%
2	6.342	679	681	686	rVB	44298	38890	3.09%	0.246%
3	6.407	689	692	695	rVB	42267	33145	2.63%	0.210%
4	6.483	698	705	708	rBV	154339	147237	11.70%	0.931%
5	6.572	718	720	725	rVB	45601	37326	2.97%	0.236%
6	6.719	741	745	749	rBV	1027398	807284	64.13%	5.105%
7	6.783	753	756	761	rVB2	76156	79662	6.33%	0.504%
8	6.872	768	771	774	rBV	163139	140480	11.16%	0.888%
9	6.901	774	776	781	rVB	60886	51539	4.09%	0.326%
10	7.048	797	801	803	rBV2	38760	33245	2.64%	0.210%
11	7.119	810	813	816	rBV	53060	48723	3.87%	0.308%
12	7.272	834	839	841	rBV2	148078	193307	15.36%	1.223%
13	7.289	841	842	845	rVV2	39466	31595	2.51%	0.200%
14	7.336	845	850	852	rVB2	90640	85305	6.78%	0.539%
15	7.372	852	856	860	rVB4	25098	35751	2.84%	0.226%
16	7.524	879	882	888	rVB3	45202	67450	5.36%	0.427%
17	7.677	905	908	910	rVV2	37919	33892	2.69%	0.214%
18	7.742	915	919	922	rBV2	146641	148402	11.79%	0.939%
19	7.772	922	924	927	rVB3	28955	30039	2.39%	0.190%
20	7.842	933	936	939	rVB	122167	103256	8.20%	0.653%
21	8.001	959	963	966	rVV	1467667	1201310	95.44%	7.597%
22	8.024	966	967	970	rVV	36071	33158	2.63%	0.210%
23	8.054	970	972	975	rVV	29798	29098	2.31%	0.184%
24	8.201	995	997	999	rVV2	42314	36684	2.91%	0.232%
25	8.248	1003	1005	1010	rVV4	34210	46115	3.66%	0.292%
26	8.307	1013	1015	1018	rVV3	33718	32117	2.55%	0.203%
27	8.360	1022	1024	1027	rVB3	41291	31104	2.47%	0.197%
28	8.389	1027	1029	1032	rBV3	58295	59909	4.76%	0.379%
29	8.436	1034	1037	1041	rBV3	60117	62449	4.96%	0.395%
30	8.472	1041	1043	1046	rVB2	54158	45299	3.60%	0.286%
31	8.507	1046	1049	1052	rBV2	116558	109220	8.68%	0.691%
32	8.583	1058	1062	1064	rBV3	57250	60342	4.79%	0.382%
33	8.607	1064	1066	1069	rVV	176504	142557	11.33%	0.902%
34	8.666	1073	1076	1078	rVV	70922	63045	5.01%	0.399%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF108996.D
 Acq On : 14 Sep 2018 15:56
 Operator : JU/SJ
 Sample : J4882-01 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28570

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-BF091418.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.707	1078	1083	1085	rVB4	38591	63378	5.03%	0.401%
36	8.824	1097	1103	1106	rBV4	100412	147962	11.75%	0.936%
37	8.889	1111	1114	1116	rVB2	63243	53518	4.25%	0.338%
38	8.971	1126	1128	1130	rBV2	39030	27261	2.17%	0.172%
39	9.013	1133	1135	1137	rVV2	32038	29669	2.36%	0.188%
40	9.036	1137	1139	1142	rVB3	63518	55973	4.45%	0.354%
41	9.071	1142	1145	1148	rBV	259766	217921	17.31%	1.378%
42	9.171	1157	1162	1165	rBV2	202772	244806	19.45%	1.548%
43	9.230	1168	1172	1174	rBV2	77524	78319	6.22%	0.495%
44	9.330	1184	1189	1196	rVB4	86200	131278	10.43%	0.830%
45	9.395	1196	1200	1202	rBV4	64457	83138	6.60%	0.526%
46	9.489	1210	1216	1218	rBV5	71009	112743	8.96%	0.713%
47	9.566	1227	1229	1233	rVB4	22201	28131	2.23%	0.178%
48	9.654	1242	1244	1249	rVB3	47940	50402	4.00%	0.319%
49	9.701	1249	1252	1255	rBV	210899	177579	14.11%	1.123%
50	9.748	1256	1260	1264	rVV2	1443470	1258763	100.00%	7.961%
51	9.824	1268	1273	1277	rVV5	50128	73947	5.87%	0.468%
52	9.924	1288	1290	1294	rBV3	26129	37590	2.99%	0.238%
53	10.018	1302	1306	1310	rVB	219276	217047	17.24%	1.373%
54	10.060	1310	1313	1316	rBV4	22539	32416	2.58%	0.205%
55	10.195	1334	1336	1339	rVB	201398	148883	11.83%	0.942%
56	10.248	1343	1345	1350	rVB3	55911	60661	4.82%	0.384%
57	10.301	1351	1354	1355	rBV3	26522	29793	2.37%	0.188%
58	10.418	1370	1374	1379	rBV3	85475	112277	8.92%	0.710%
59	10.501	1385	1388	1390	rBV	48354	46908	3.73%	0.297%
60	10.530	1390	1393	1397	rVB3	172958	152929	12.15%	0.967%
61	10.618	1406	1408	1411	rVB2	41182	31492	2.50%	0.199%
62	10.665	1413	1416	1421	rBV	214729	227856	18.10%	1.441%
63	10.765	1431	1433	1439	rVB	35190	35396	2.81%	0.224%
64	10.865	1447	1450	1453	rBV4	26722	33834	2.69%	0.214%
65	10.901	1453	1456	1458	rBV2	40086	40551	3.22%	0.256%
66	11.113	1488	1492	1495	rBV2	195952	173784	13.81%	1.099%
67	11.142	1495	1497	1502	rVB2	73331	78543	6.24%	0.497%
68	11.189	1502	1505	1508	rBV	75739	80669	6.41%	0.510%
69	11.224	1508	1511	1514	rVV	1388832	1189637	94.51%	7.523%
70	11.254	1514	1516	1518	rVV2	52059	45806	3.64%	0.290%
71	11.283	1519	1521	1525	rVB3	51054	64781	5.15%	0.410%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.424	1542	1545	1548	rBV2	40535	45825	3.64%	0.290%
73	11.460	1548	1551	1555	rBV2	59636	92788	7.37%	0.587%
74	11.542	1561	1565	1570	rBV2	155411	214966	17.08%	1.359%
75	11.624	1576	1579	1584	rBV2	143952	149577	11.88%	0.946%
76	11.765	1600	1603	1606	rBV3	80093	74414	5.91%	0.471%
77	11.877	1620	1622	1626	rVB	41453	34040	2.70%	0.215%
78	11.942	1631	1633	1637	rVB	110411	89641	7.12%	0.567%
79	12.042	1647	1650	1653	rBV	70242	61026	4.85%	0.386%
80	12.095	1657	1659	1664	rVB5	28499	38909	3.09%	0.246%
81	12.330	1696	1699	1703	rVB	85420	66877	5.31%	0.423%
82	12.701	1760	1762	1769	rVB2	66608	64313	5.11%	0.407%
83	12.807	1776	1780	1783	rVB	223891	197685	15.70%	1.250%
84	13.054	1820	1822	1825	rVB	41016	38016	3.02%	0.240%
85	13.395	1878	1880	1884	rVB4	24302	26727	2.12%	0.169%
86	13.559	1906	1908	1912	rBV5	26047	33932	2.70%	0.215%
87	13.848	1953	1957	1961	rBV	1136365	993938	78.96%	6.286%
88	13.924	1967	1970	1972	rVB4	37897	39934	3.17%	0.253%
89	14.042	1987	1990	1995	rBV3	51134	53134	4.22%	0.336%
90	14.342	2038	2041	2046	rVB	99350	112063	8.90%	0.709%
91	14.489	2060	2066	2076	rBV2	82991	259747	20.64%	1.643%
92	14.636	2088	2091	2097	rVV	187508	194748	15.47%	1.232%
93	14.706	2101	2103	2109	rVB3	32114	36176	2.87%	0.229%
94	14.953	2141	2145	2151	rVB	382663	411620	32.70%	2.603%
95	15.253	2191	2196	2201	rVB	860817	944643	75.05%	5.974%
96	15.312	2201	2206	2212	rBV	461688	599811	47.65%	3.793%
97	15.718	2268	2275	2284	rBV	361547	580183	46.09%	3.669%
98	16.183	2348	2354	2363	rVB	194701	339428	26.97%	2.147%
99	16.730	2442	2447	2456	rVB2	59680	122487	9.73%	0.775%
100	17.371	2552	2556	2564	rVB5	24504	56668	4.50%	0.358%

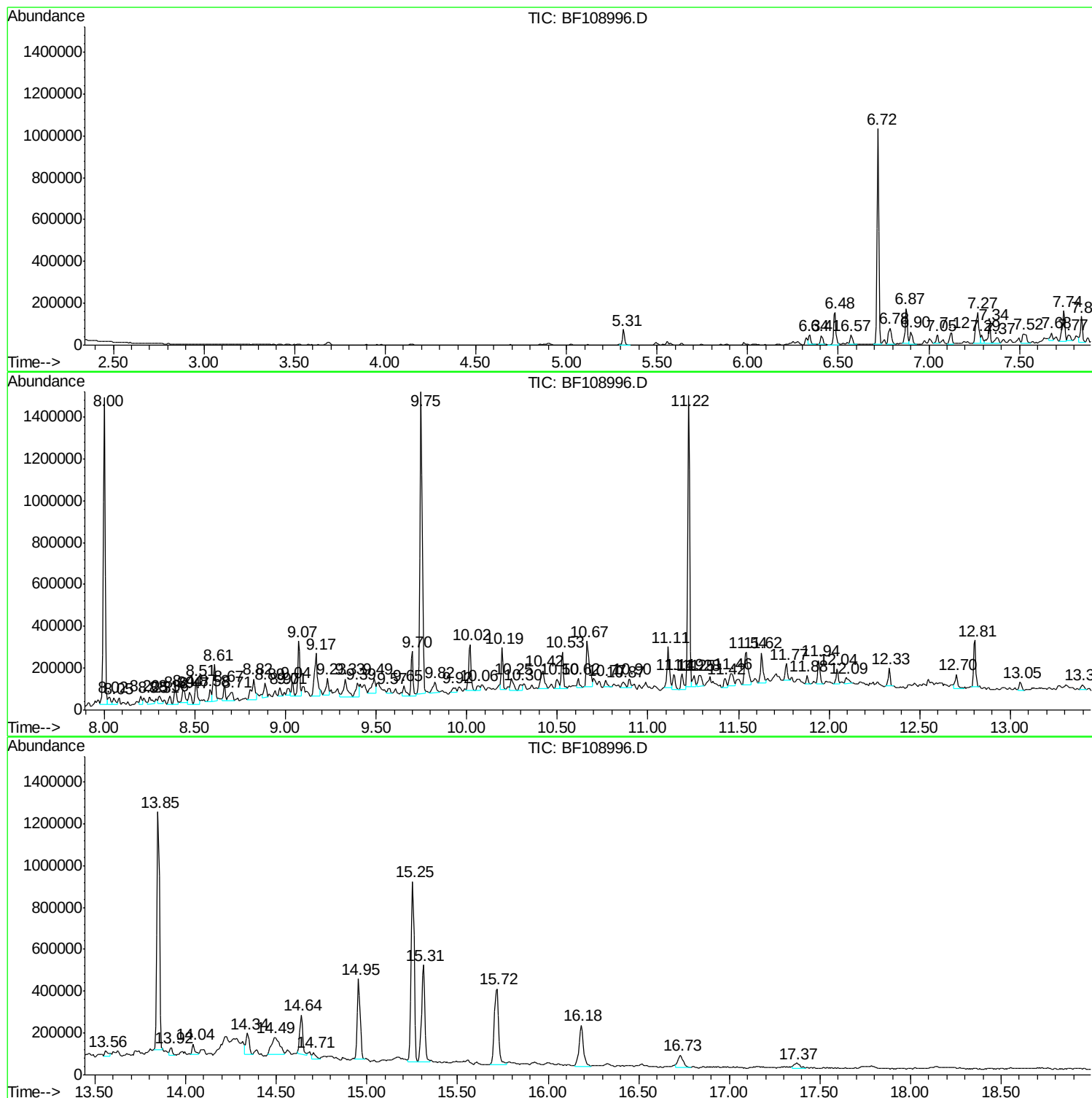
Sum of corrected areas: 15812370

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
28570

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.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\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

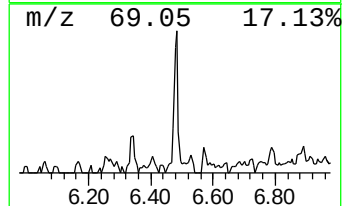
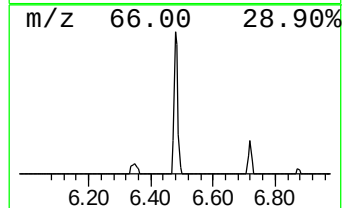
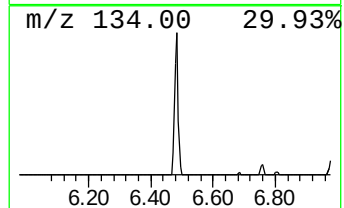
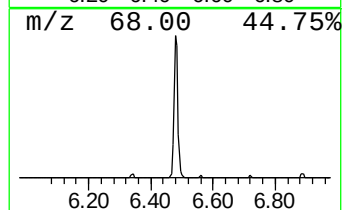
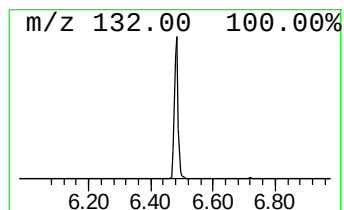
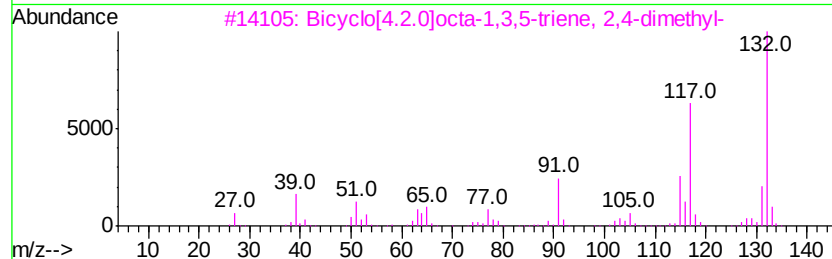
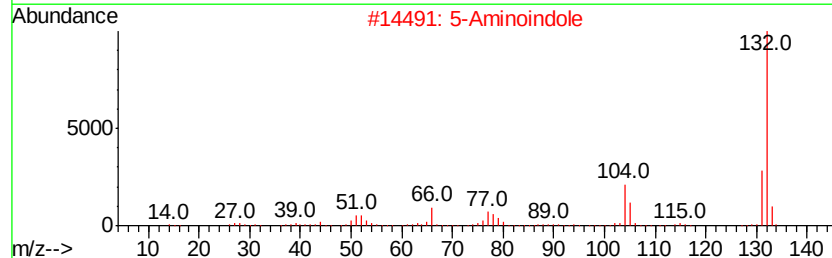
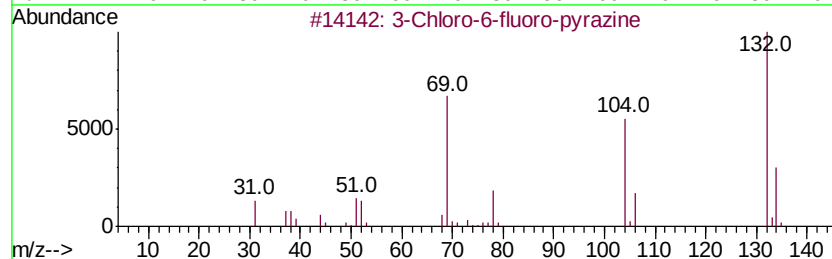
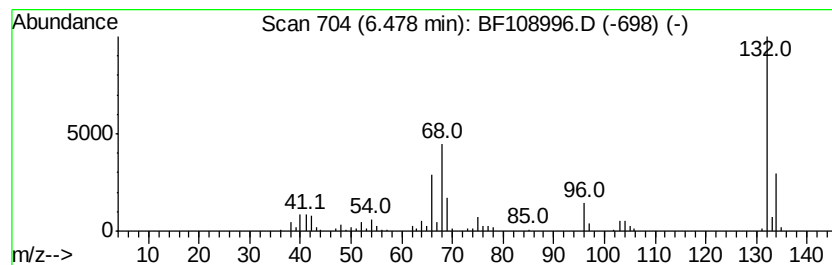
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.48 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	3.65 ng	147237	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Aminoindole	132	C8H8N2	005192-03-0	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

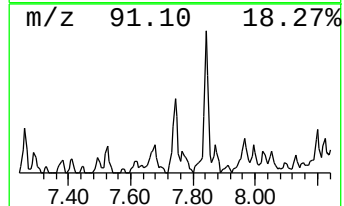
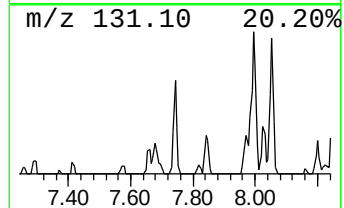
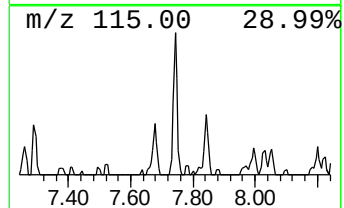
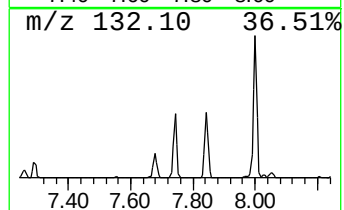
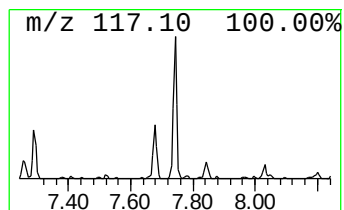
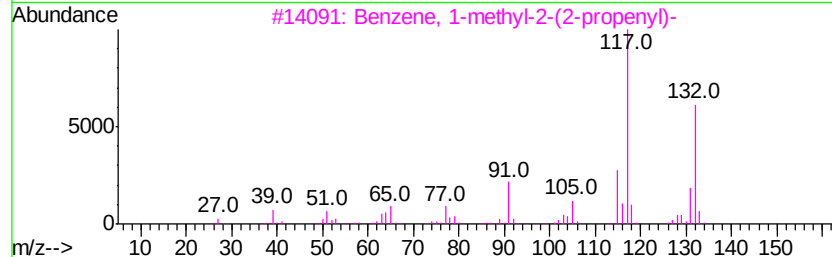
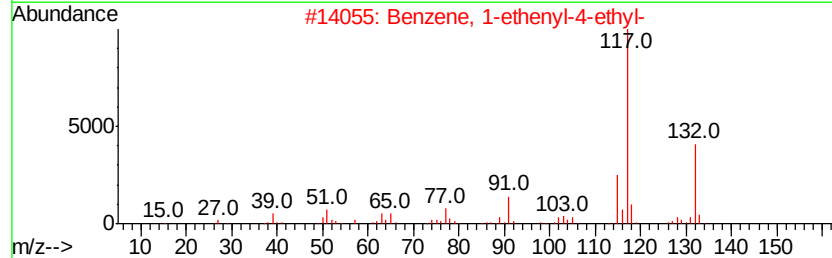
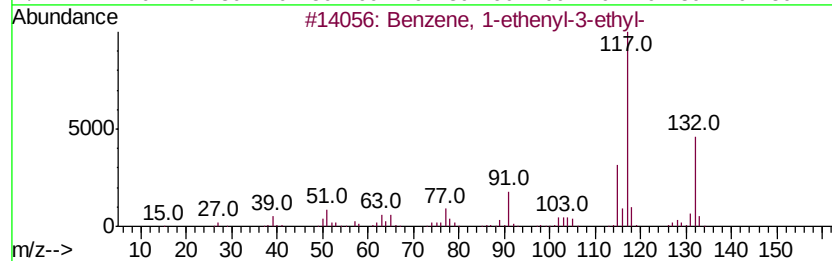
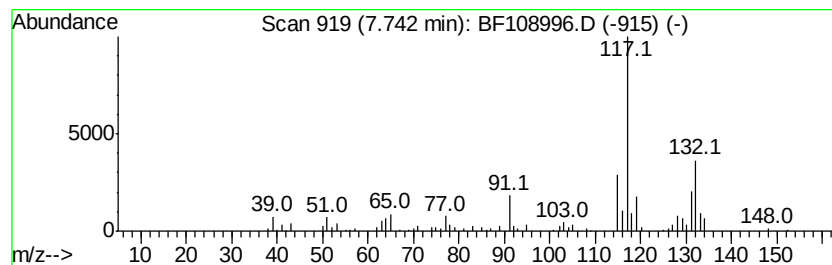
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	2.47 ng	148402	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72
5		Indan, 1-methyl-	132	C10H12	000767-58-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

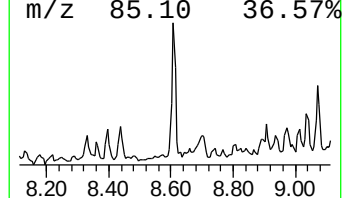
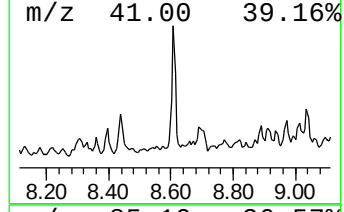
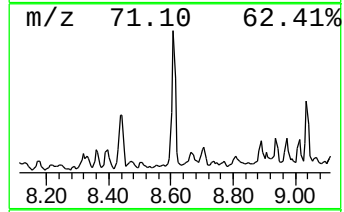
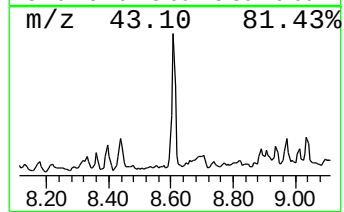
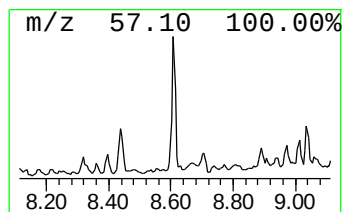
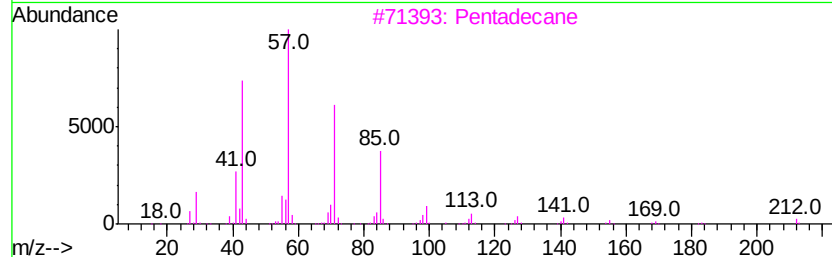
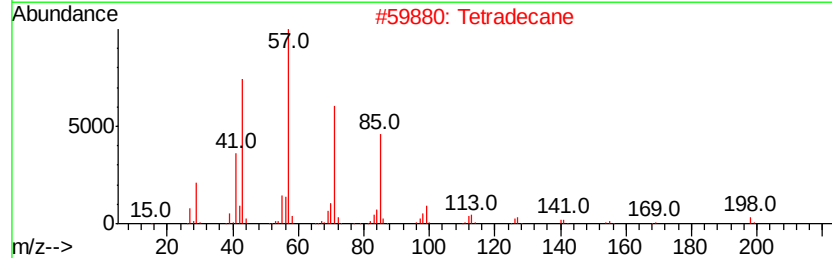
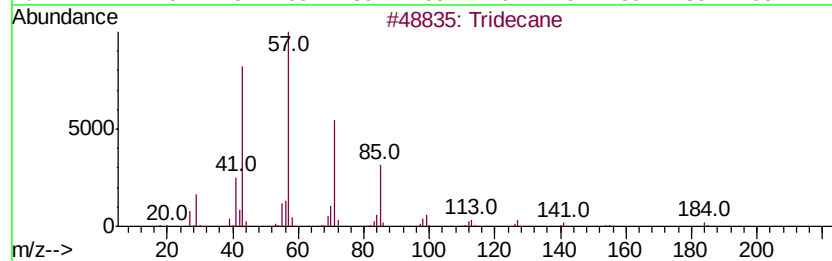
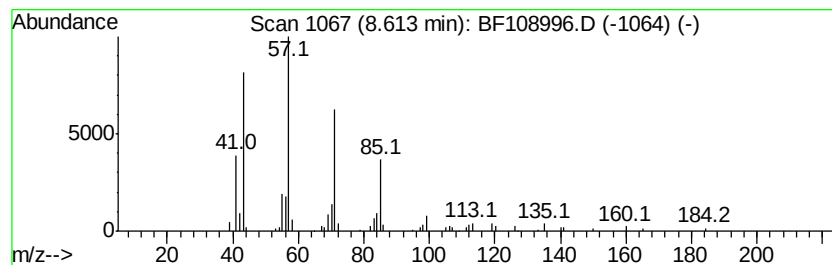
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.37 ng	142557	Napthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Tetradecane		198	C14H30	000629-59-4	80
3	Pentadecane		212	C15H32	000629-62-9	80
4	Hexadecane		226	C16H34	000544-76-3	80
5	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

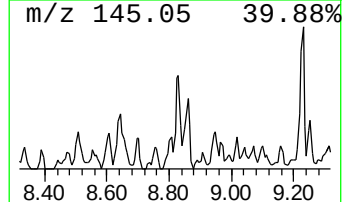
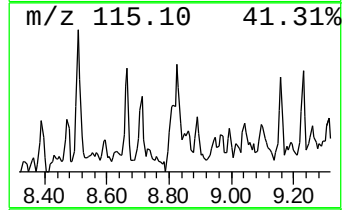
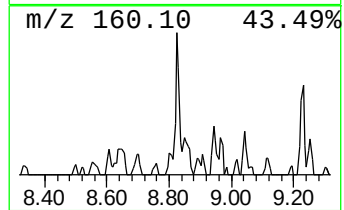
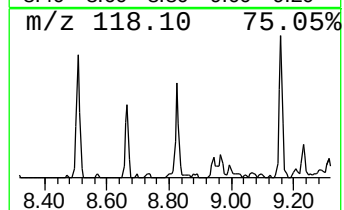
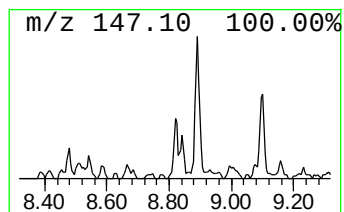
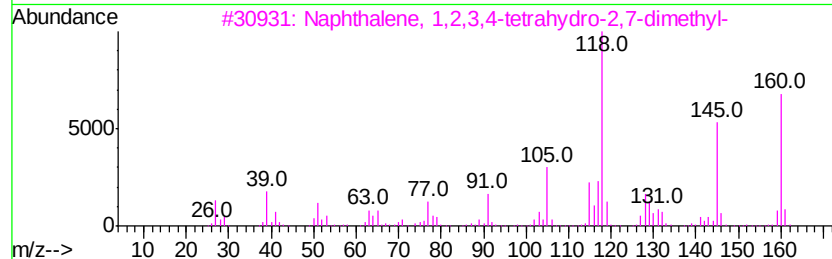
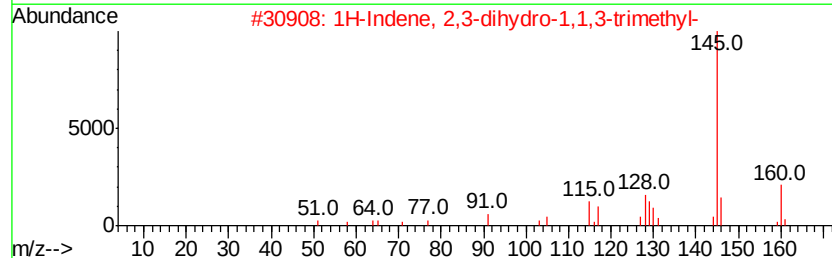
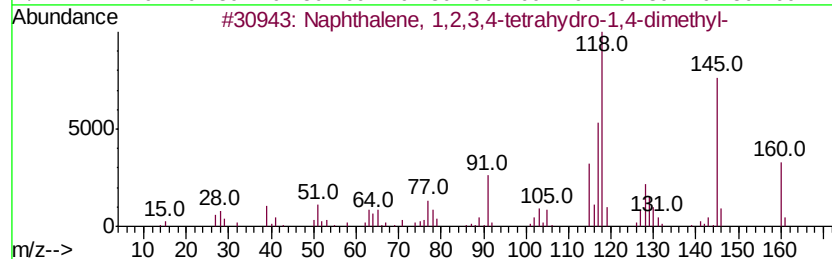
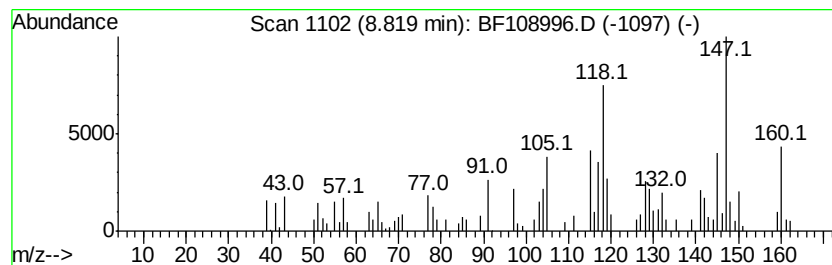
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	2.46 ng	147962	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

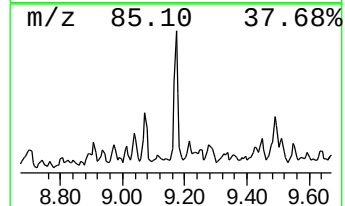
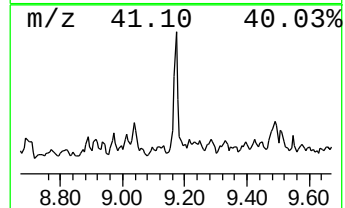
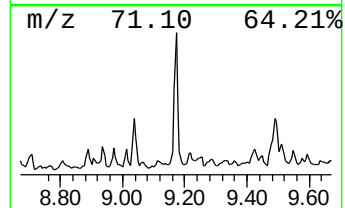
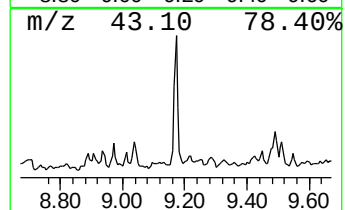
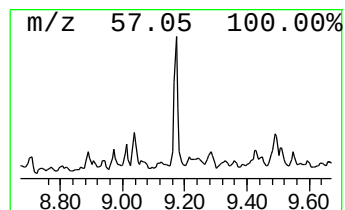
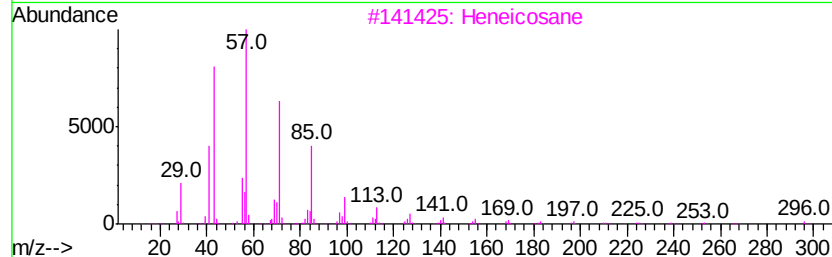
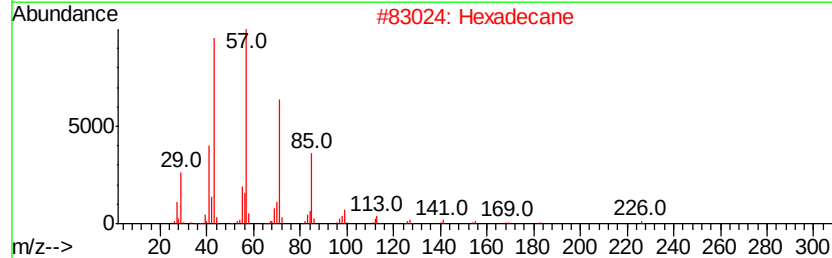
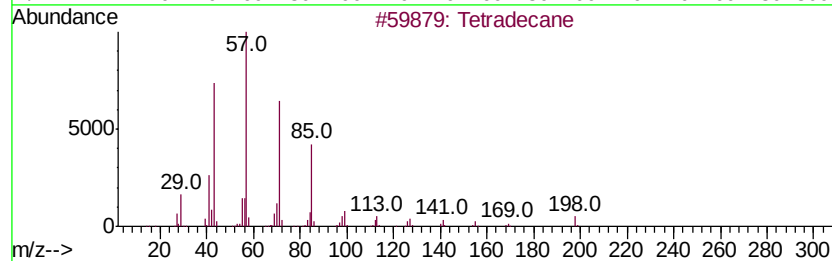
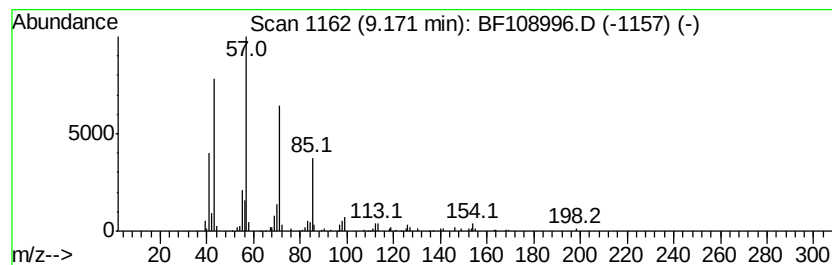
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.89 ng	244806	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	80
3		Heneicosane	296	C21H44	000629-94-7	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

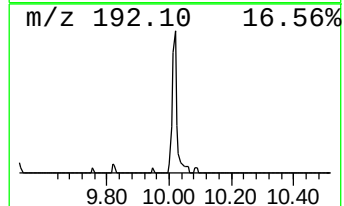
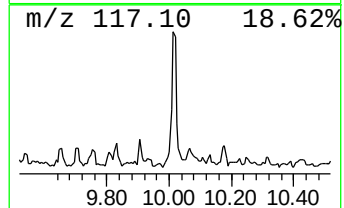
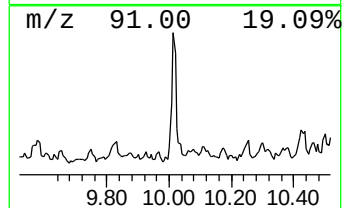
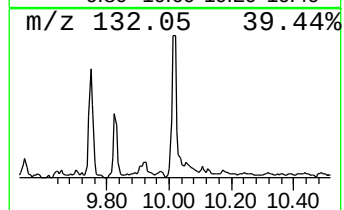
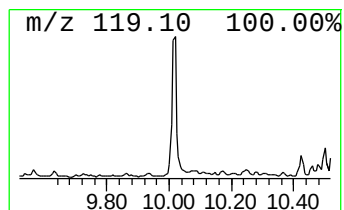
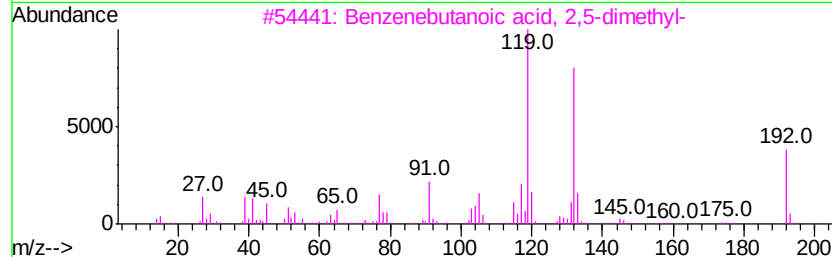
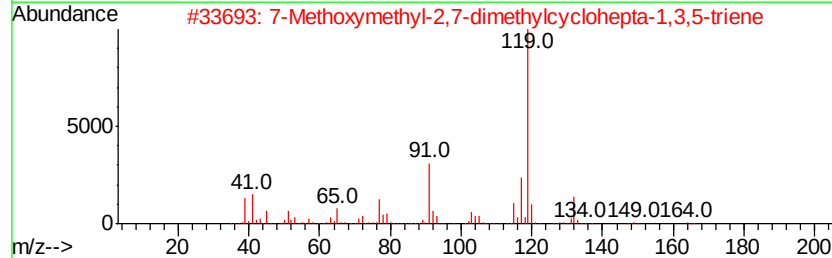
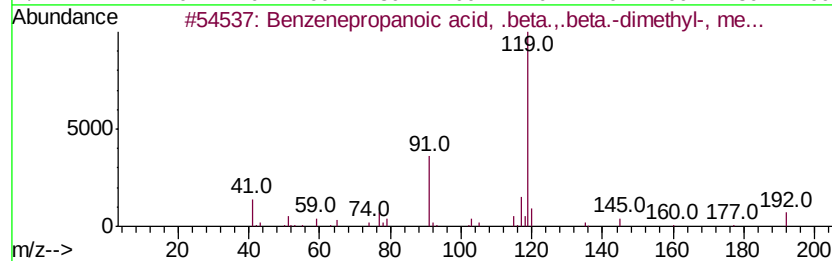
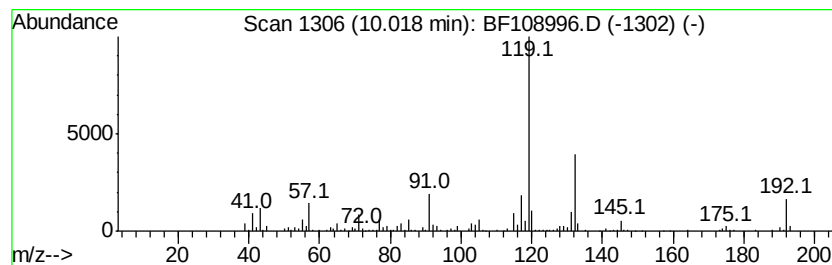
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzenepropanoic acid, .bet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	3.45 ng	217047	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	58
2		7-Methoxymethyl-2,7-dimethylcyclo...	164	C11H16O	073992-48-0	58
3		Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	55
4		4-Oxo-4-(para-tolyl)-butyric acid	192	C11H12O3	004619-20-9	46
5		o-Cymene	134	C10H14	000527-84-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

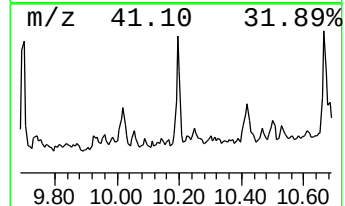
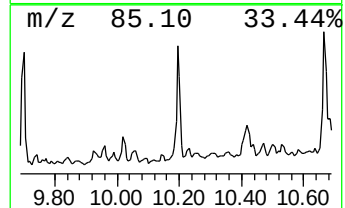
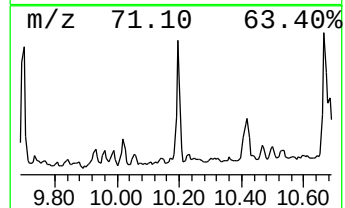
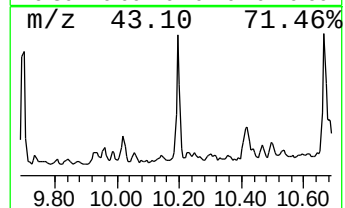
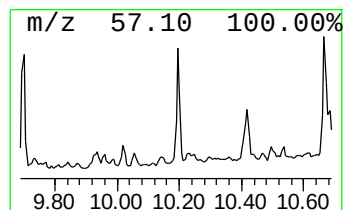
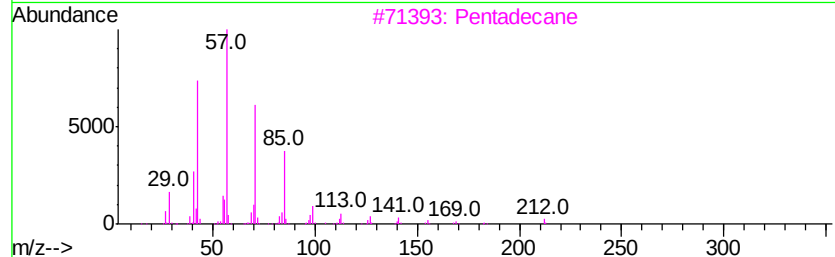
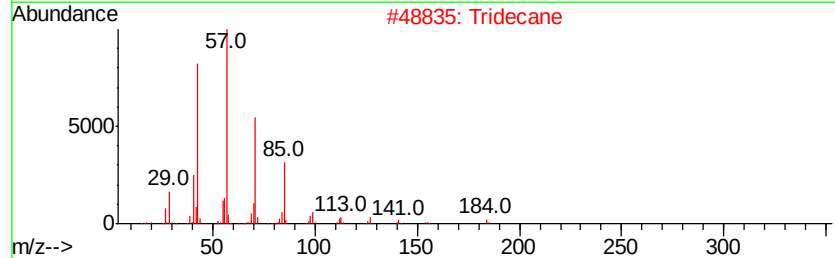
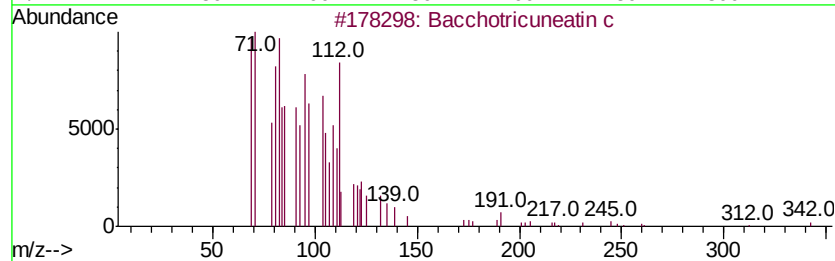
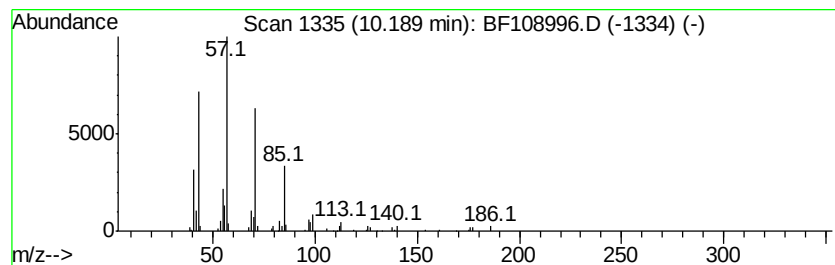
Instrument :
BNA_F
ClientSampleId :
28570

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.37 ng	148883	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bacchotricuneatin c	342 C20H22O5	066563-30-2 93
2		Tridecane	184 C13H28	000629-50-5 90
3		Pentadecane	212 C15H32	000629-62-9 90
4		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 83
5		Tetracosane	338 C24H50	000646-31-1 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

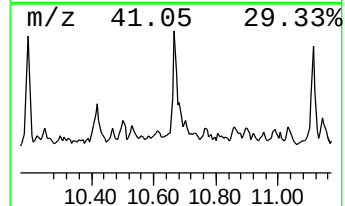
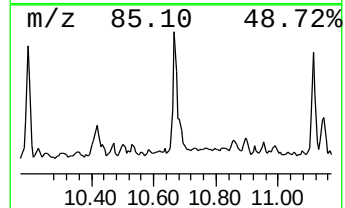
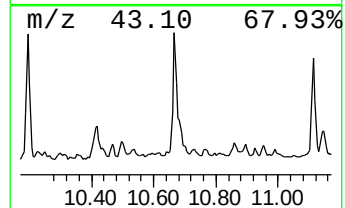
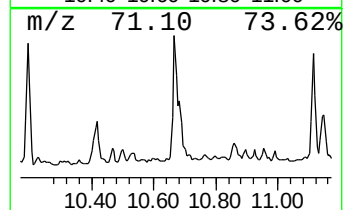
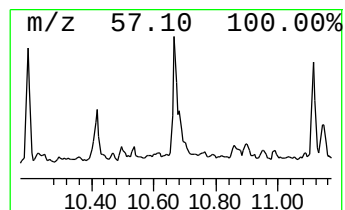
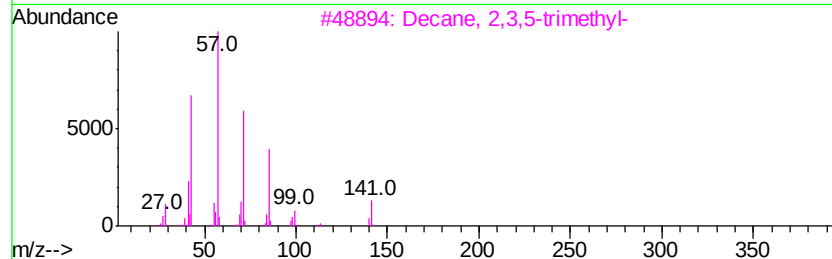
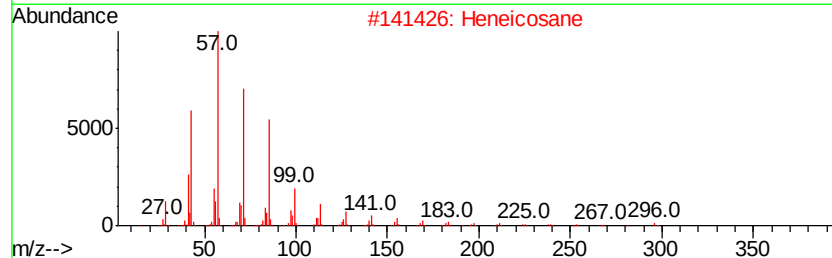
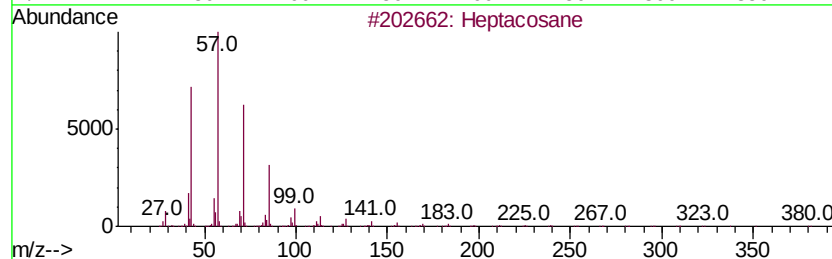
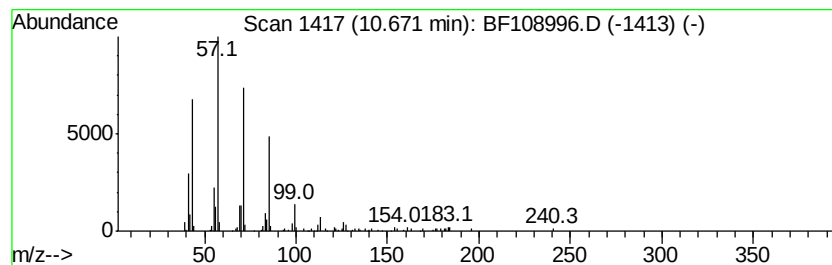
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.83 ng	227856	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Heneicosane	296	C21H44	000629-94-7	83
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	80
5		Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

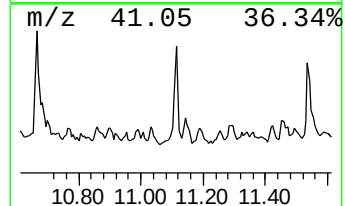
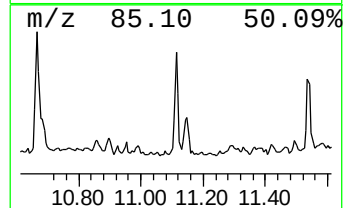
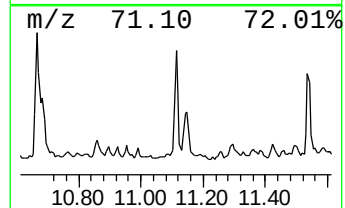
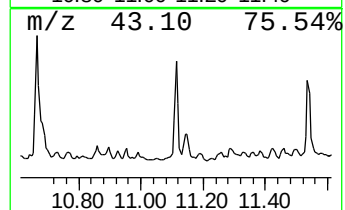
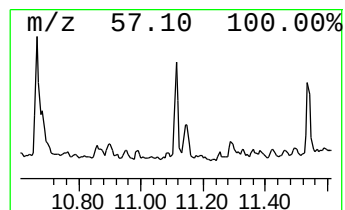
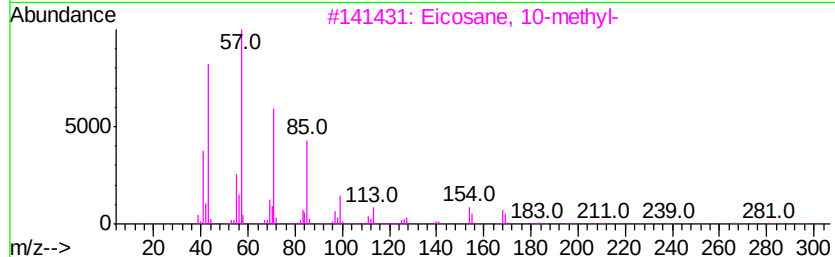
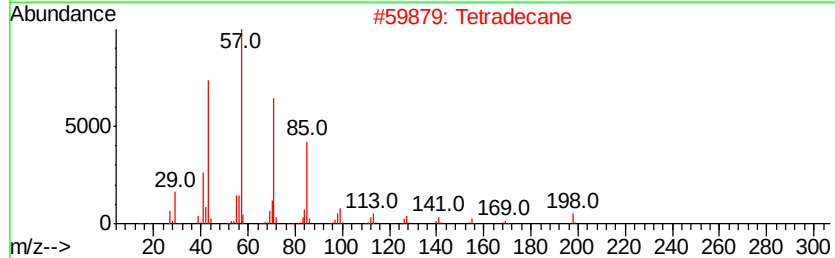
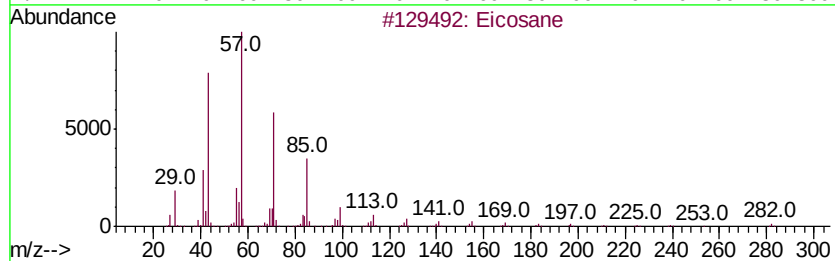
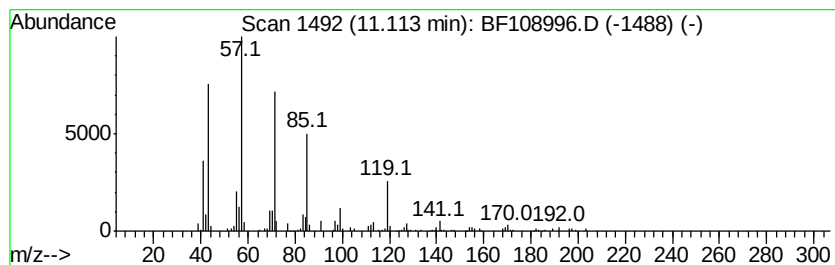
Instrument :
BNA_F
ClientSampleId :
28570

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	2.92 ng	173784	Phenanthrene-d10	11.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	74
2	Tetradecane	198 C14H30	000629-59-4	72
3	Eicosane, 10-methyl-	296 C21H44	054833-23-7	64
4	2-Bromo dodecane	248 C12H25Br	013187-99-0	64
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

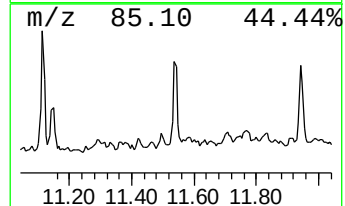
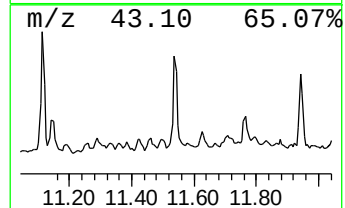
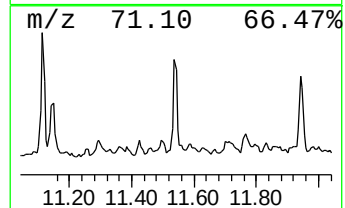
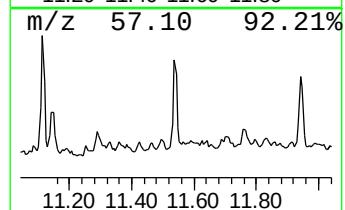
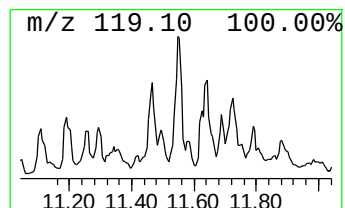
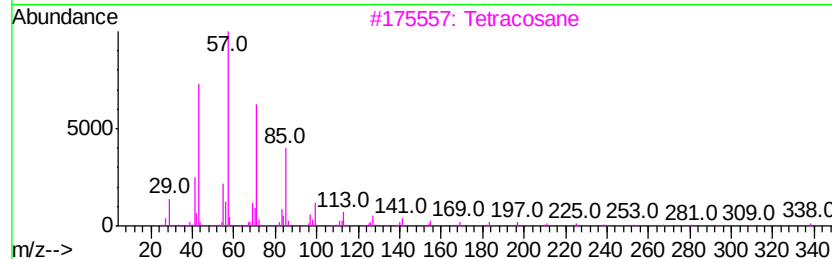
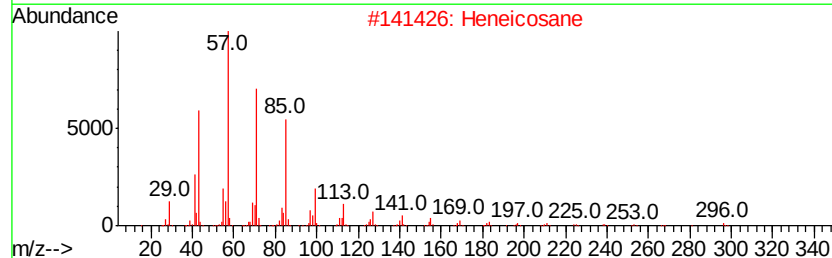
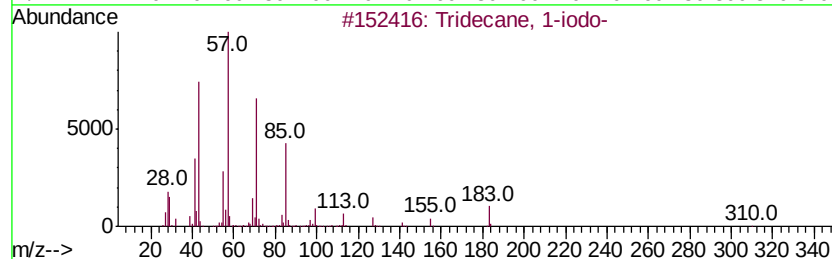
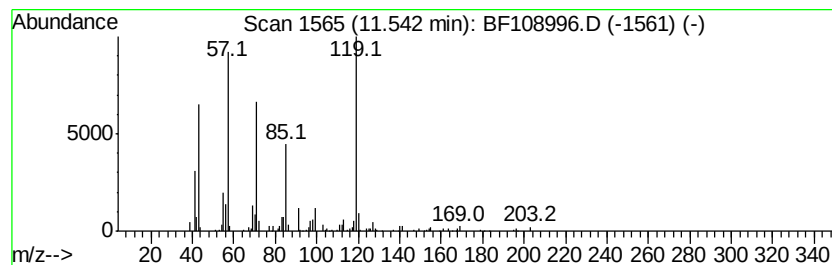
Instrument :
BNA_F
ClientSampleId :
28570

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.54	3.61 ng	214966	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
2	Heneicosane	296	C21H44	000629-94-7	49
3	Tetracosane	338	C24H50	000646-31-1	49
4	Pentadecane	212	C15H32	000629-62-9	49
5	Tetradecane	198	C14H30	000629-59-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

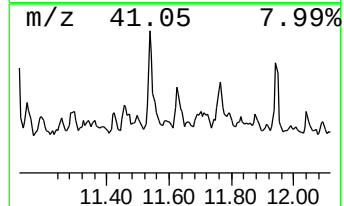
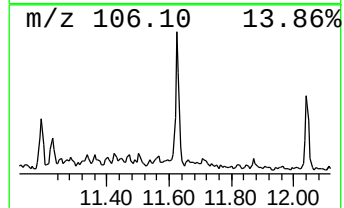
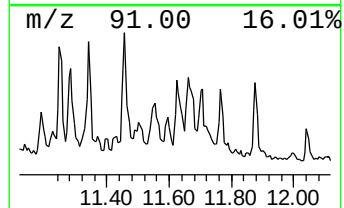
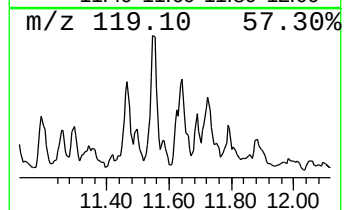
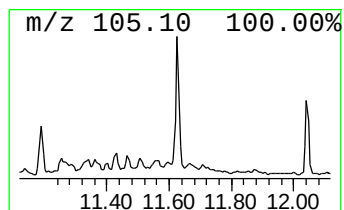
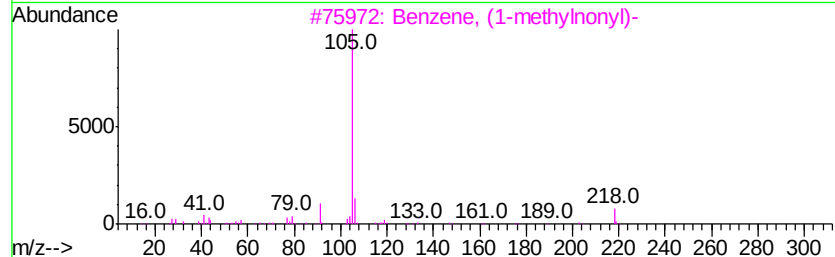
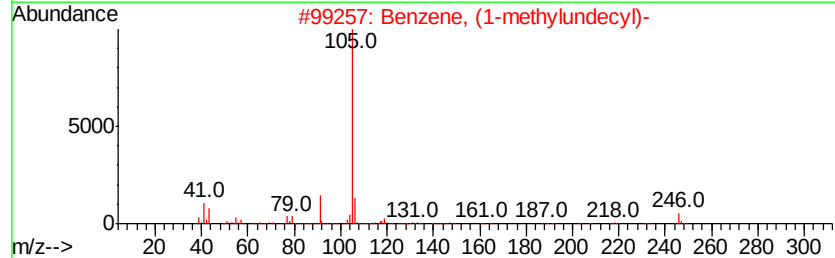
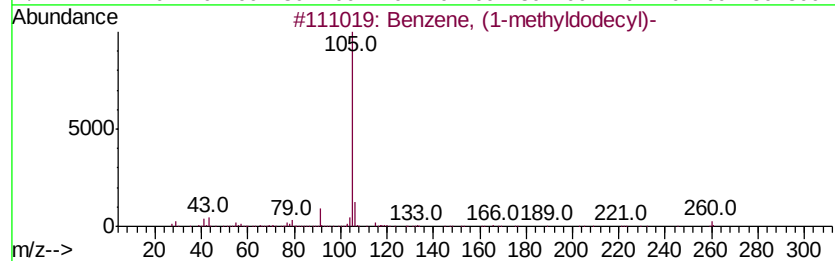
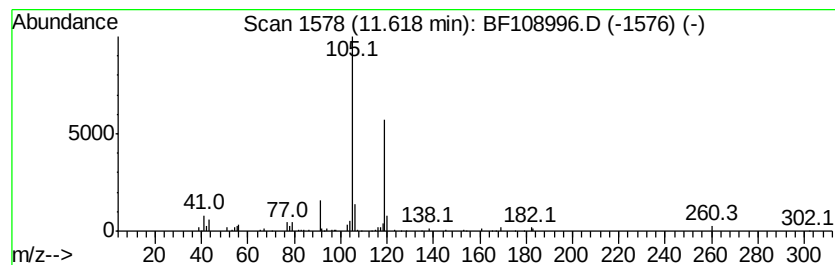
Instrument :
BNA_F
ClientSampleId :
28570

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, (1-methyldodecyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.62	2.51 ng	149577	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	47
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	47
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	43
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

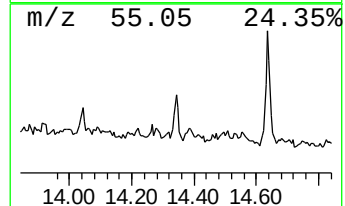
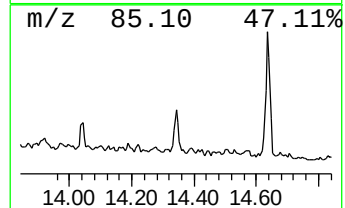
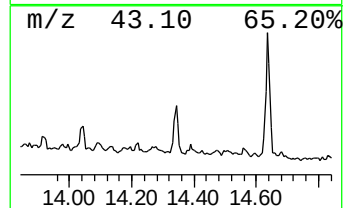
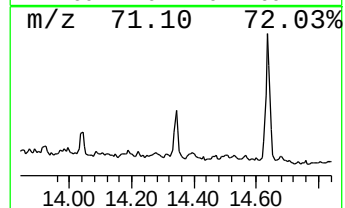
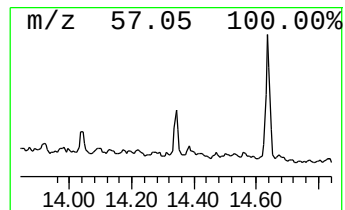
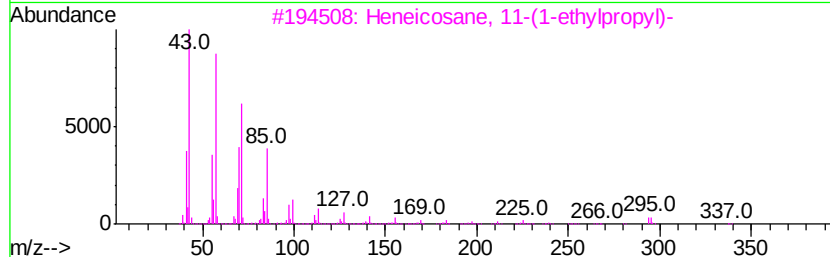
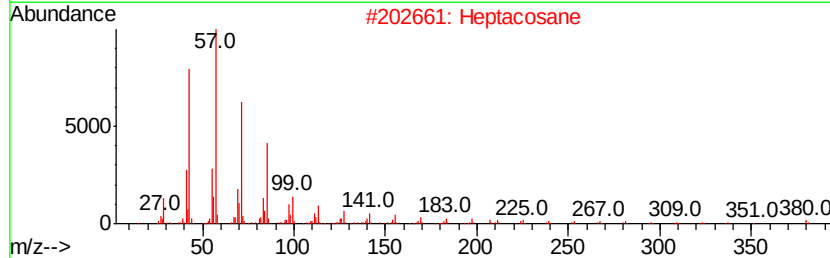
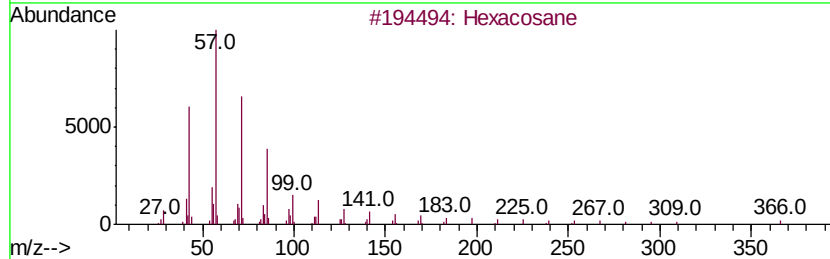
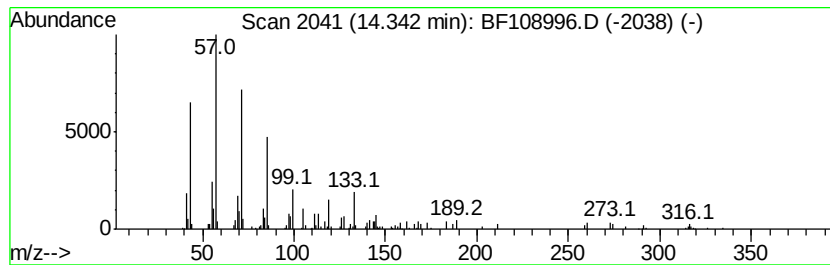
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane, 11-(1-ethylpro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.25 ng	112063	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	64
2		Heptacosane	380	C27H56	000593-49-7	62
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	58
4		Octacosane	394	C28H58	000630-02-4	58
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

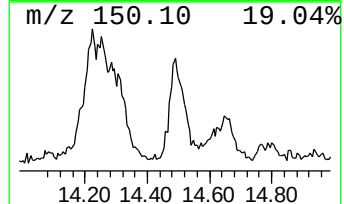
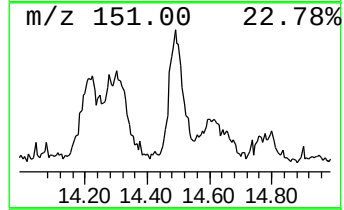
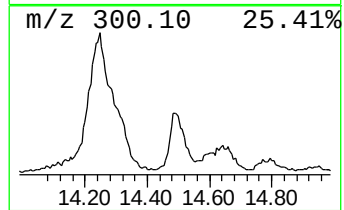
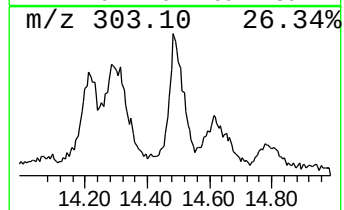
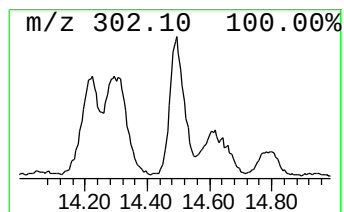
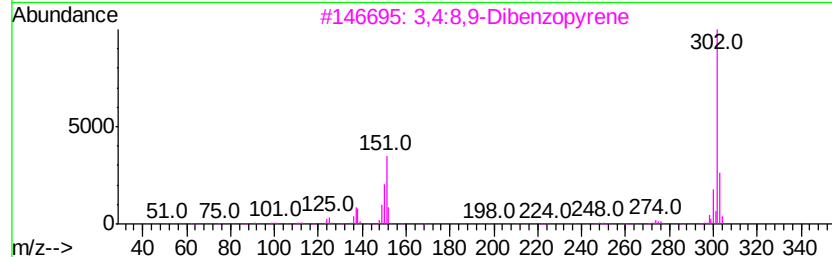
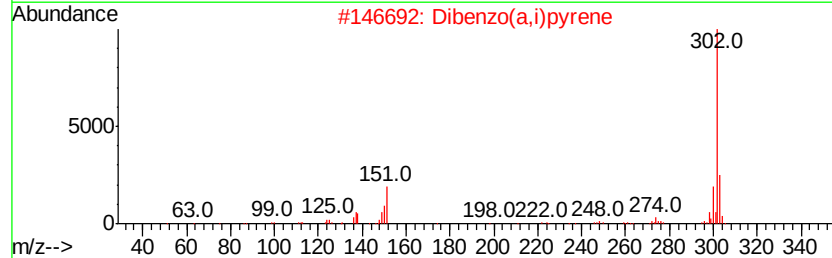
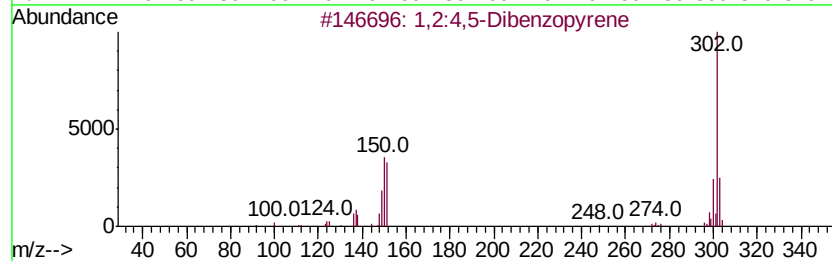
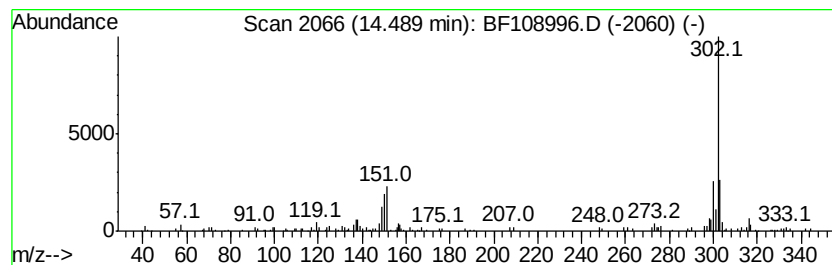
Instrument :
BNA_F
ClientSampleId :
28570

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2:4,5-Dibenzopyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.49	5.23 ng	259747	Chrysene-d12		13.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopvrene	302	C24H14	000192-65-4	95
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	94
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

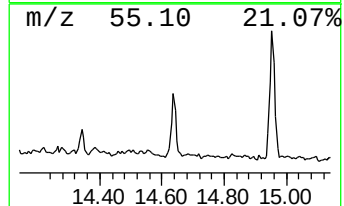
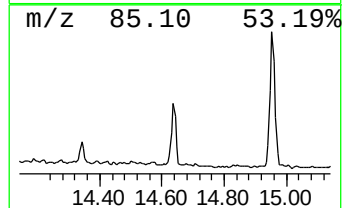
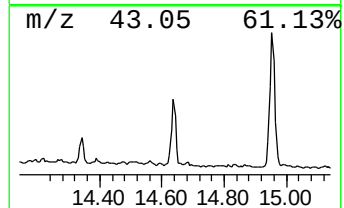
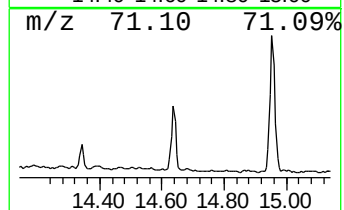
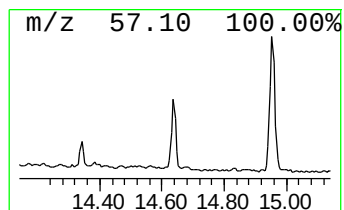
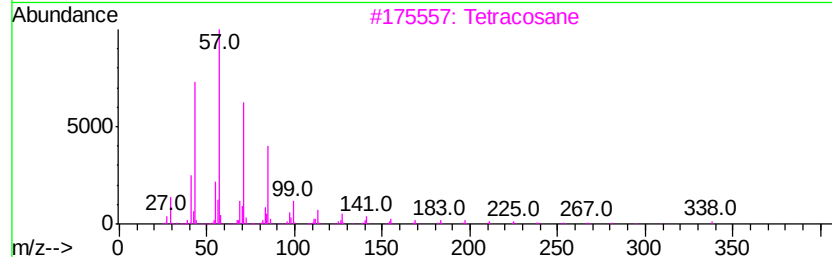
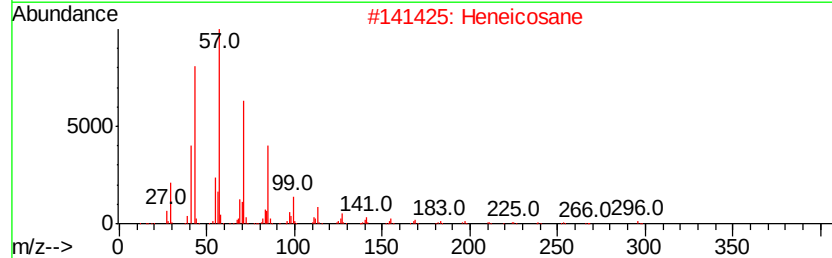
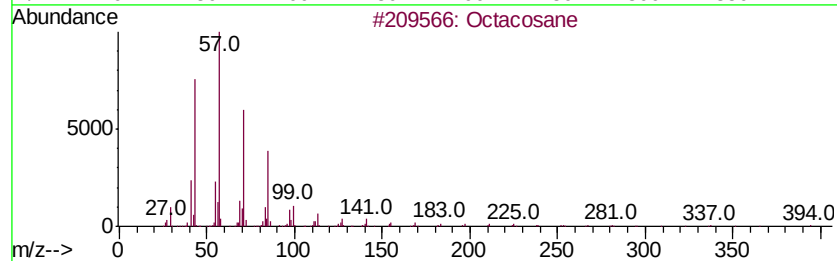
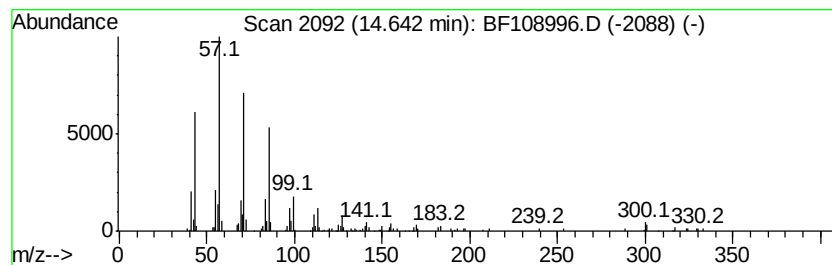
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.12 ng	194748	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

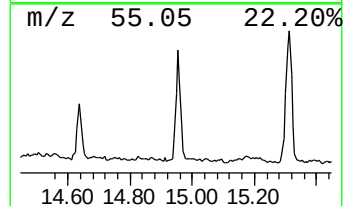
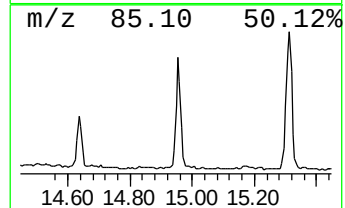
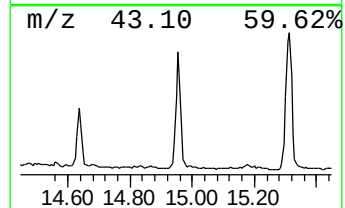
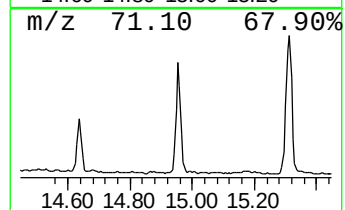
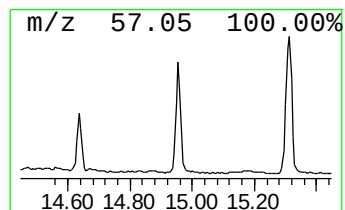
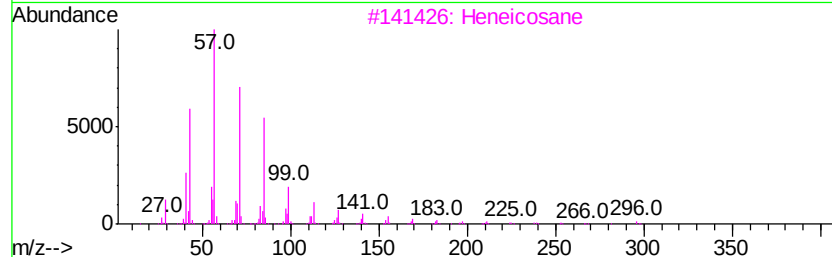
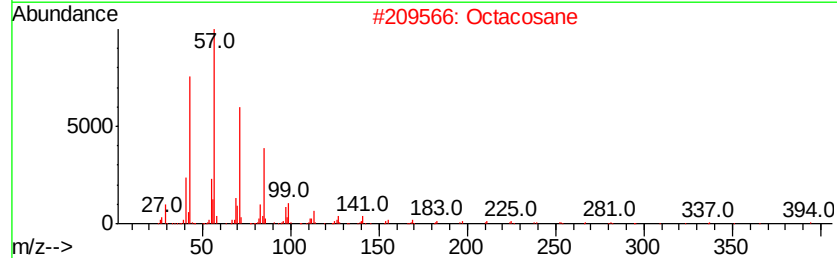
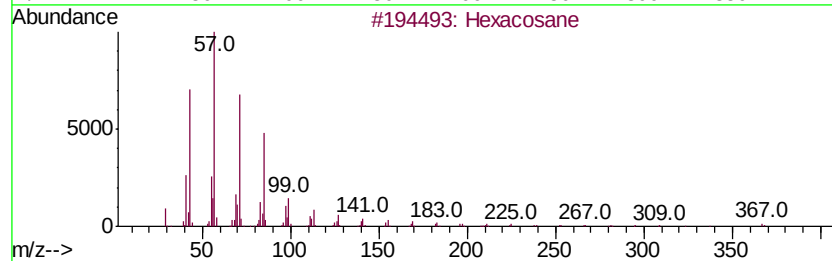
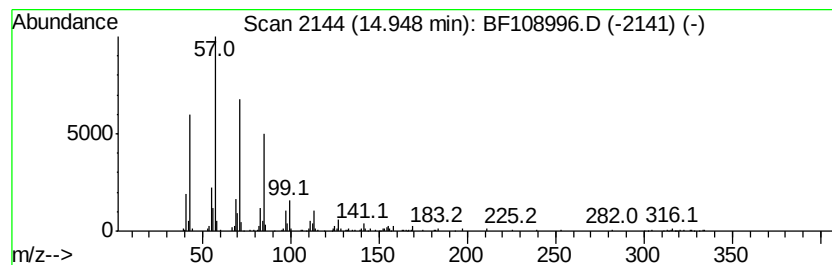
Instrument :
BNA_F
ClientSampleId :
28570

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	8.71 ng	411620	Perylene-d12	15.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	Octacosane	394 C28H58	000630-02-4	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

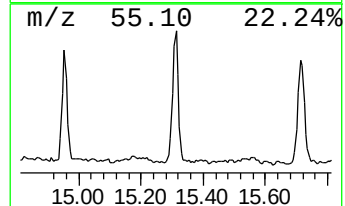
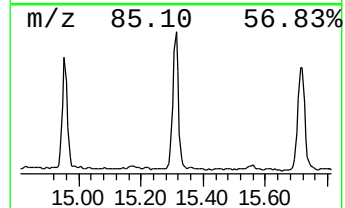
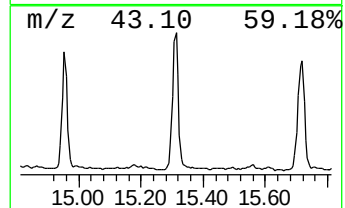
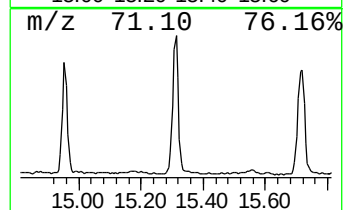
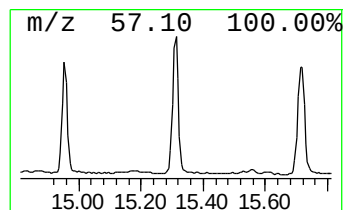
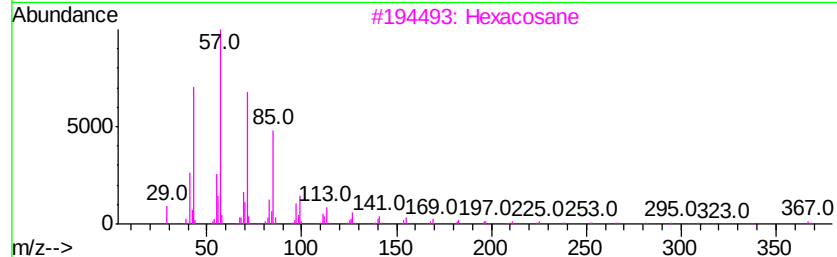
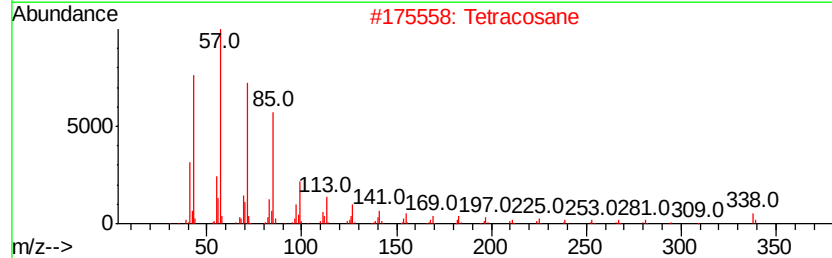
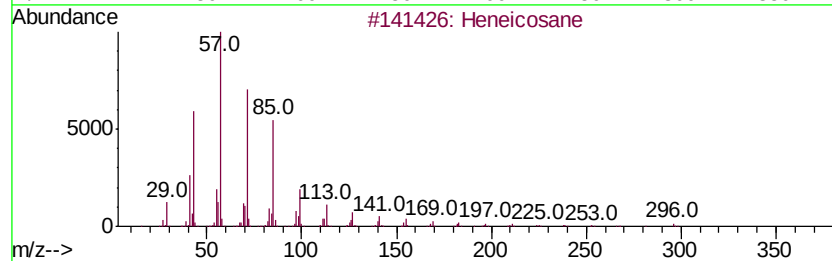
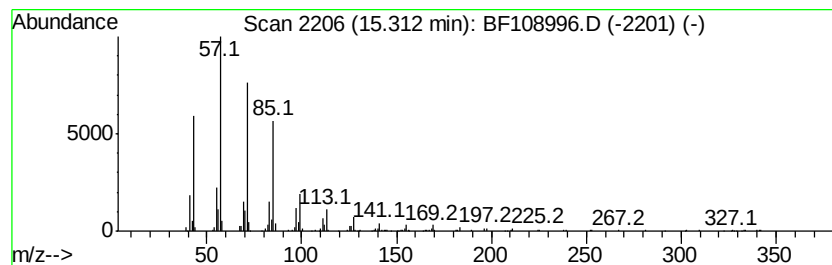
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	12.70 ng	599811	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

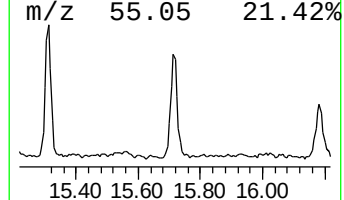
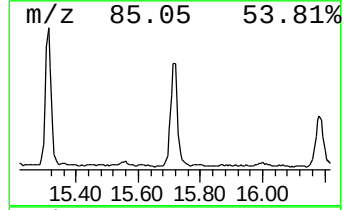
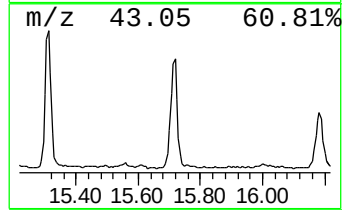
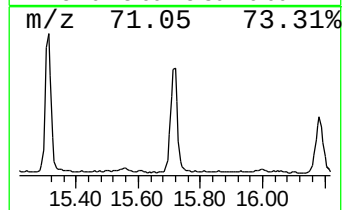
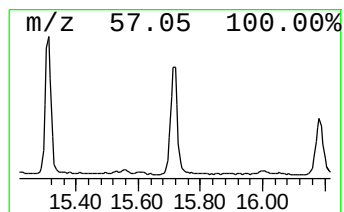
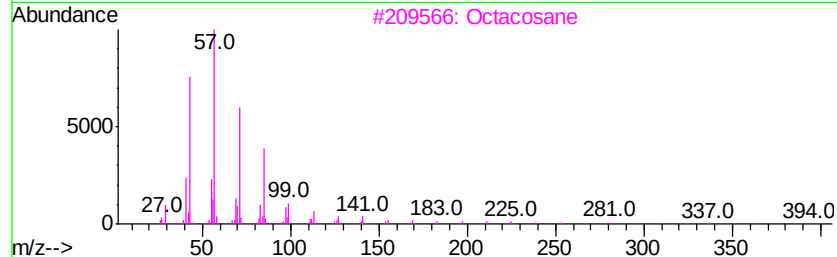
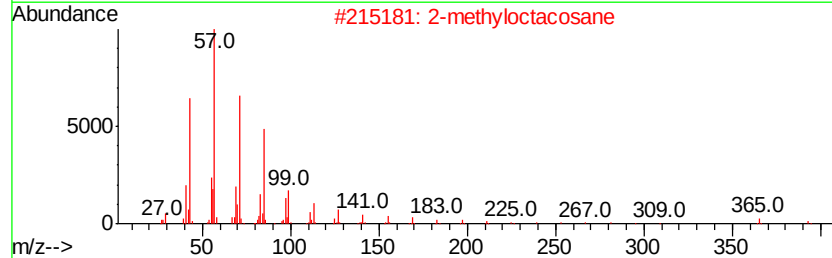
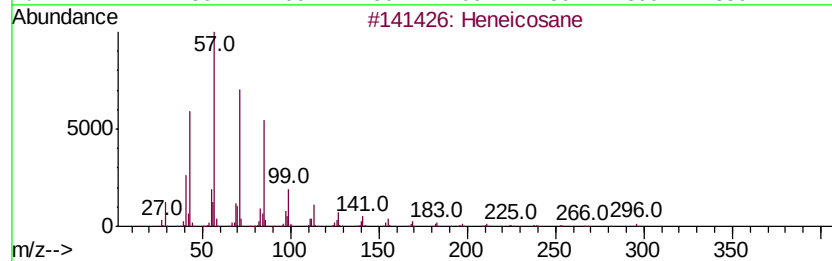
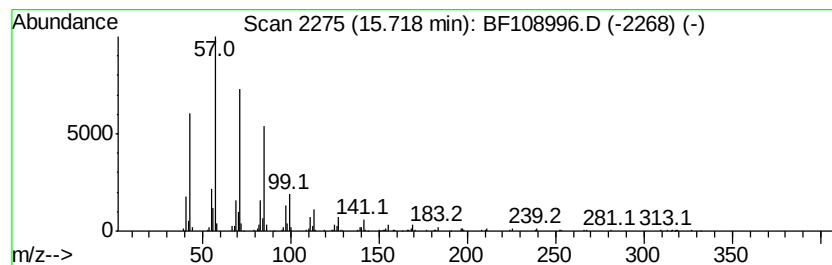
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-methyloctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	12.28 ng	580183	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

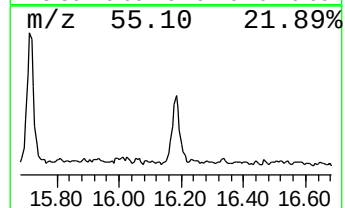
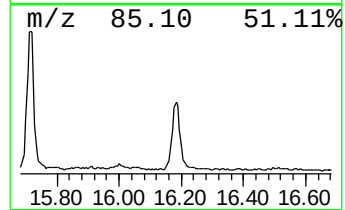
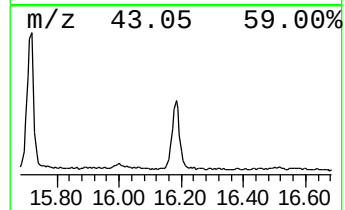
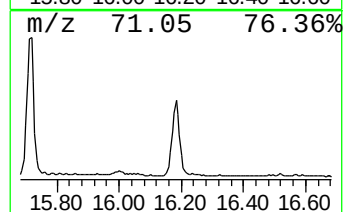
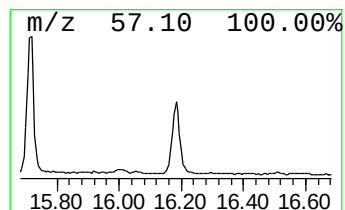
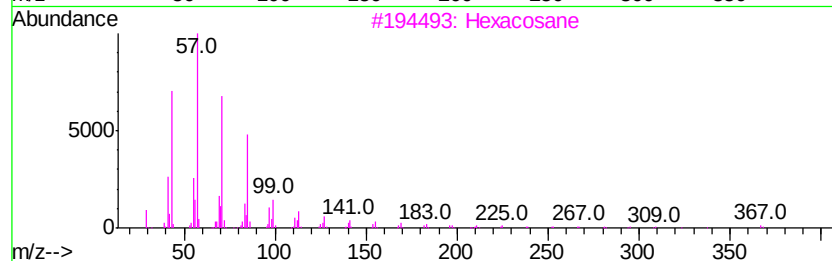
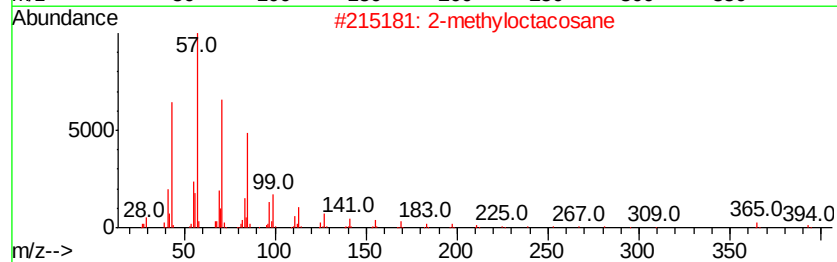
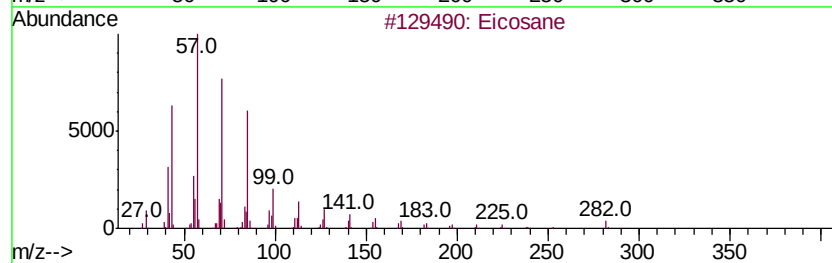
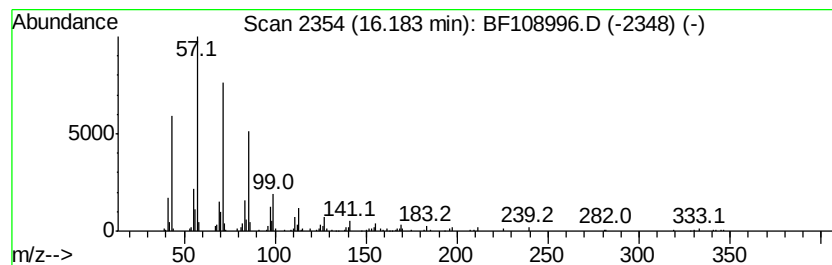
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane, 11-decyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	7.19 ng	339428	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108996.D
Acq On : 14 Sep 2018 15:56
Operator : JU/SJ
Sample : J4882-01 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

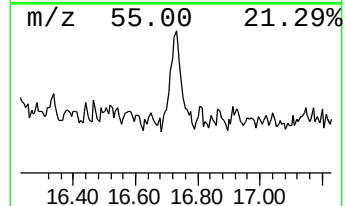
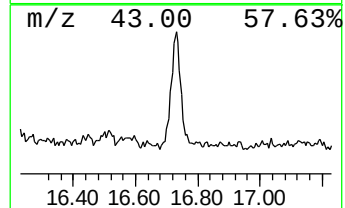
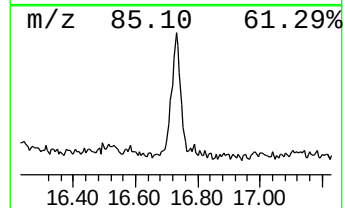
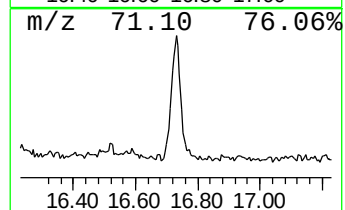
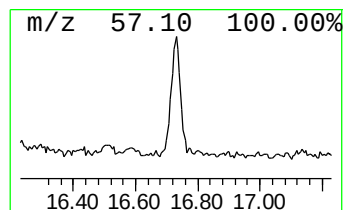
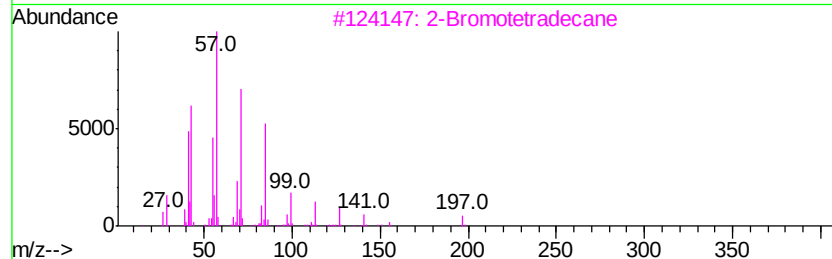
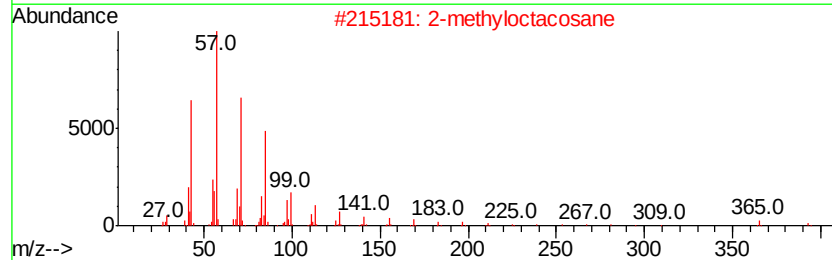
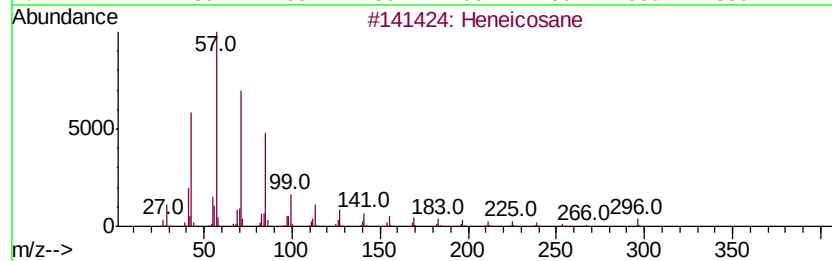
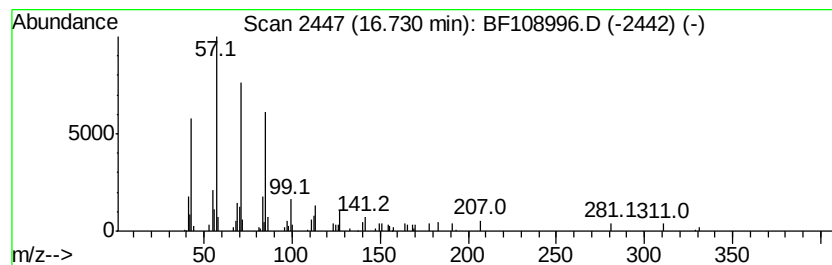
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.59 ng	122487	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		2-methyloctacosane	408	C29H60	1000376-72-8	86
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF108996.D
 Acq On : 14 Sep 2018 15:56
 Operator : JU/SJ
 Sample : J4882-01 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28570

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
unknown6.48	6.48	3.6 ng		147237	1	6.72	807284	20.0
Benzene, 1-etheny...	7.74	2.5 ng		148402	2	8.00	1201310	20.0
Tridecane	8.61	2.4 ng		142557	2	8.00	1201310	20.0
Naphthalene, 1,2,...	8.82	2.5 ng		147962	2	8.00	1201310	20.0
Tetradecane	9.17	3.9 ng		244806	3	9.75	1258760	20.0
Benzenepropanoic ...	10.02	3.5 ng		217047	3	9.75	1258760	20.0
Bacchotricuneatin c	10.19	2.4 ng		148883	3	9.75	1258760	20.0
Heptacosane	10.67	3.8 ng		227856	4	11.22	1189640	20.0
Eicosane	11.11	2.9 ng		173784	4	11.22	1189640	20.0
unknown11.54	11.54	3.6 ng		214966	4	11.22	1189640	20.0
Benzene, (1-methy...	11.62	2.5 ng		149577	4	11.22	1189640	20.0
Heneicosane, 11-(...	14.34	2.3 ng		112063	5	13.85	993938	20.0
1,2:4,5-Dibenzopy...	14.49	5.2 ng		259747	5	13.85	993938	20.0
Octacosane	14.64	4.1 ng		194748	6	15.25	944643	20.0
Heptadecane, 9-oc...	14.95	8.7 ng		411620	6	15.25	944643	20.0
Heneicosane	15.31	12.7 ng		599811	6	15.25	944643	20.0
2-methyloctacosane	15.72	12.3 ng		580183	6	15.25	944643	20.0
Tetracosane, 11-d...	16.18	7.2 ng		339428	6	15.25	944643	20.0
2-Bromotetradecane	16.73	2.6 ng		122487	6	15.25	944643	20.0