

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109000.D
 Acq On : 14 Sep 2018 17:42
 Operator : JU/SJ
 Sample : J4882-01 5X
 Misc :
 ALS Vial : 9 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	514	rVB	216429	194714	12.55%	0.776%
2	6.342	675	681	685	rBV2	137895	196260	12.65%	0.782%
3	6.407	689	692	699	rVB	119905	107873	6.95%	0.430%
4	6.484	699	705	708	rBV	454147	409793	26.41%	1.632%
5	6.572	718	720	726	rVB	129629	106403	6.86%	0.424%
6	6.719	741	745	748	rBV	1157470	923982	59.55%	3.680%
7	6.784	753	756	761	rVB2	217613	226147	14.57%	0.901%
8	6.872	768	771	774	rBV	415675	372819	24.03%	1.485%
9	6.901	774	776	781	rVB	169927	145842	9.40%	0.581%
10	7.001	791	793	797	rVB2	59668	70788	4.56%	0.282%
11	7.048	797	801	803	rBV2	118588	100076	6.45%	0.399%
12	7.119	810	813	817	rBV	155428	148626	9.58%	0.592%
13	7.272	833	839	841	rBV2	412035	541016	34.87%	2.155%
14	7.289	841	842	845	rVV2	106321	86482	5.57%	0.344%
15	7.336	845	850	852	rVB2	240431	237714	15.32%	0.947%
16	7.378	852	857	860	rBV3	87266	106028	6.83%	0.422%
17	7.525	879	882	888	rVB2	118731	171742	11.07%	0.684%
18	7.636	899	901	904	rVV3	55251	80769	5.21%	0.322%
19	7.678	904	908	910	rVV2	123476	145592	9.38%	0.580%
20	7.742	915	919	922	rVV2	401863	409703	26.40%	1.632%
21	7.772	922	924	927	rVV3	87446	94320	6.08%	0.376%
22	7.813	927	931	933	rVV4	71998	79125	5.10%	0.315%
23	7.842	933	936	939	rVB	315186	285724	18.41%	1.138%
24	8.001	959	963	966	rVV	1903726	1551711	100.00%	6.181%
25	8.025	966	967	970	rVV2	92160	88595	5.71%	0.353%
26	8.201	995	997	999	rVV2	105656	77968	5.02%	0.311%
27	8.307	1013	1015	1018	rVV3	84241	74101	4.78%	0.295%
28	8.360	1022	1024	1027	rVB3	103177	86658	5.58%	0.345%
29	8.395	1027	1030	1033	rBV3	160721	168927	10.89%	0.673%
30	8.436	1034	1037	1041	rBV3	147093	164772	10.62%	0.656%
31	8.472	1041	1043	1046	rVB2	139289	120546	7.77%	0.480%
32	8.507	1046	1049	1053	rBV2	309081	296249	19.09%	1.180%
33	8.583	1059	1062	1064	rBV2	141783	143123	9.22%	0.570%
34	8.607	1064	1066	1069	rVV	450015	377242	24.31%	1.503%

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

35	8.666	1073	1076	1078	rVV2	190094	170001	10.96%	0.677%
36	8.695	1078	1081	1086	rVV3	119586	186675	12.03%	0.744%
37	8.807	1097	1100	1101	rBV2	136685	118949	7.67%	0.474%
38	8.825	1101	1103	1106	rVB2	193997	171684	11.06%	0.684%
39	8.889	1112	1114	1116	rVB	159617	117726	7.59%	0.469%
40	8.942	1121	1123	1126	rBV3	90409	88291	5.69%	0.352%
41	8.972	1126	1128	1130	rBV	102215	74233	4.78%	0.296%
42	9.042	1138	1140	1142	rVB2	161944	128973	8.31%	0.514%
43	9.078	1142	1146	1148	rBV	635082	542829	34.98%	2.162%
44	9.101	1148	1150	1152	rBV	106745	79521	5.12%	0.317%
45	9.172	1158	1162	1165	rBV2	527520	551716	35.56%	2.198%
46	9.230	1169	1172	1175	rBV2	159358	153934	9.92%	0.613%
47	9.330	1185	1189	1196	rVB6	190672	281311	18.13%	1.120%
48	9.395	1197	1200	1202	rBV2	136445	162581	10.48%	0.648%
49	9.489	1210	1216	1218	rBV4	149725	238169	15.35%	0.949%
50	9.513	1218	1220	1227	rVV7	113110	161100	10.38%	0.642%
51	9.566	1227	1229	1233	rVB4	74765	94098	6.06%	0.375%
52	9.654	1242	1244	1249	rVB	119948	127461	8.21%	0.508%
53	9.701	1249	1252	1255	rBV	573418	449719	28.98%	1.791%
54	9.754	1256	1261	1264	rBV	1436862	1420959	91.57%	5.660%
55	9.825	1269	1273	1278	rBV4	120335	185213	11.94%	0.738%
56	9.925	1288	1290	1294	rBV3	63066	85971	5.54%	0.342%
57	10.030	1303	1308	1311	rBV	549423	656020	42.28%	2.613%
58	10.060	1311	1313	1316	rVV3	71403	91704	5.91%	0.365%
59	10.195	1334	1336	1339	rVB	505204	389492	25.10%	1.551%
60	10.248	1343	1345	1351	rVB4	118233	134490	8.67%	0.536%
61	10.313	1351	1356	1360	rBV7	84933	160592	10.35%	0.640%
62	10.419	1370	1374	1376	rBV2	233780	260911	16.81%	1.039%
63	10.501	1385	1388	1390	rBV2	113966	107369	6.92%	0.428%
64	10.530	1390	1393	1397	rVB3	443963	376105	24.24%	1.498%
65	10.619	1406	1408	1412	rVB2	97731	74682	4.81%	0.297%
66	10.666	1413	1416	1418	rBV2	442601	407775	26.28%	1.624%
67	10.766	1431	1433	1436	rBV	89270	81406	5.25%	0.324%
68	10.866	1447	1450	1453	rBV4	70508	87379	5.63%	0.348%
69	10.901	1453	1456	1458	rBV2	97390	85979	5.54%	0.342%
70	11.113	1489	1492	1495	rBV2	432692	378691	24.40%	1.508%
71	11.148	1495	1498	1502	rVB2	186347	197714	12.74%	0.788%

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ClientSampleId :
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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

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72	11.189	1502	1505	1508	rBV	195426	197895	12.75%	0.788%
73	11.224	1508	1511	1514	rVV	1382796	1197878	77.20%	4.771%
74	11.254	1514	1516	1519	rVV2	116893	110067	7.09%	0.438%
75	11.289	1519	1522	1526	rVB3	130367	162171	10.45%	0.646%
76	11.424	1542	1545	1548	rBV3	99996	107197	6.91%	0.427%
77	11.466	1548	1552	1555	rVV2	156489	223466	14.40%	0.890%
78	11.495	1555	1557	1562	rVV2	63838	84817	5.47%	0.338%
79	11.542	1562	1565	1570	rBV2	413752	510818	32.92%	2.035%
80	11.624	1577	1579	1583	rBV2	354172	377515	24.33%	1.504%
81	11.766	1601	1603	1606	rVB2	95926	78610	5.07%	0.313%
82	11.824	1611	1613	1619	rVV3	75097	93975	6.06%	0.374%
83	11.877	1620	1622	1626	rVB2	88860	79521	5.12%	0.317%
84	11.948	1631	1634	1638	rVB	255489	236903	15.27%	0.944%
85	12.042	1648	1650	1653	rBV	151613	134581	8.67%	0.536%
86	12.330	1696	1699	1702	rVB	216859	177751	11.46%	0.708%
87	12.701	1760	1762	1769	rVB2	153758	141416	9.11%	0.563%
88	12.807	1777	1780	1783	rBV	537901	438953	28.29%	1.748%
89	13.060	1820	1823	1826	rVB	84545	79886	5.15%	0.318%
90	13.848	1953	1957	1961	rBV	1100720	1046057	67.41%	4.167%
91	14.218	2018	2020	2025	rVB2	74454	74719	4.82%	0.298%
92	14.342	2038	2041	2046	rVB	102299	100238	6.46%	0.399%
93	14.389	2046	2049	2053	rBV3	69380	82211	5.30%	0.327%
94	14.636	2088	2091	2095	rVV2	99782	103371	6.66%	0.412%
95	14.954	2142	2145	2150	rVB	96448	111431	7.18%	0.444%
96	15.254	2191	2196	2201	rVV	897825	1032681	66.55%	4.113%
97	15.312	2202	2206	2210	rVB	119301	150107	9.67%	0.598%
98	15.712	2270	2274	2284	rVB	141290	216192	13.93%	0.861%
99	16.183	2349	2354	2361	rVB	111586	184400	11.88%	0.734%
100	16.730	2440	2447	2454	rVB4	46966	98556	6.35%	0.393%

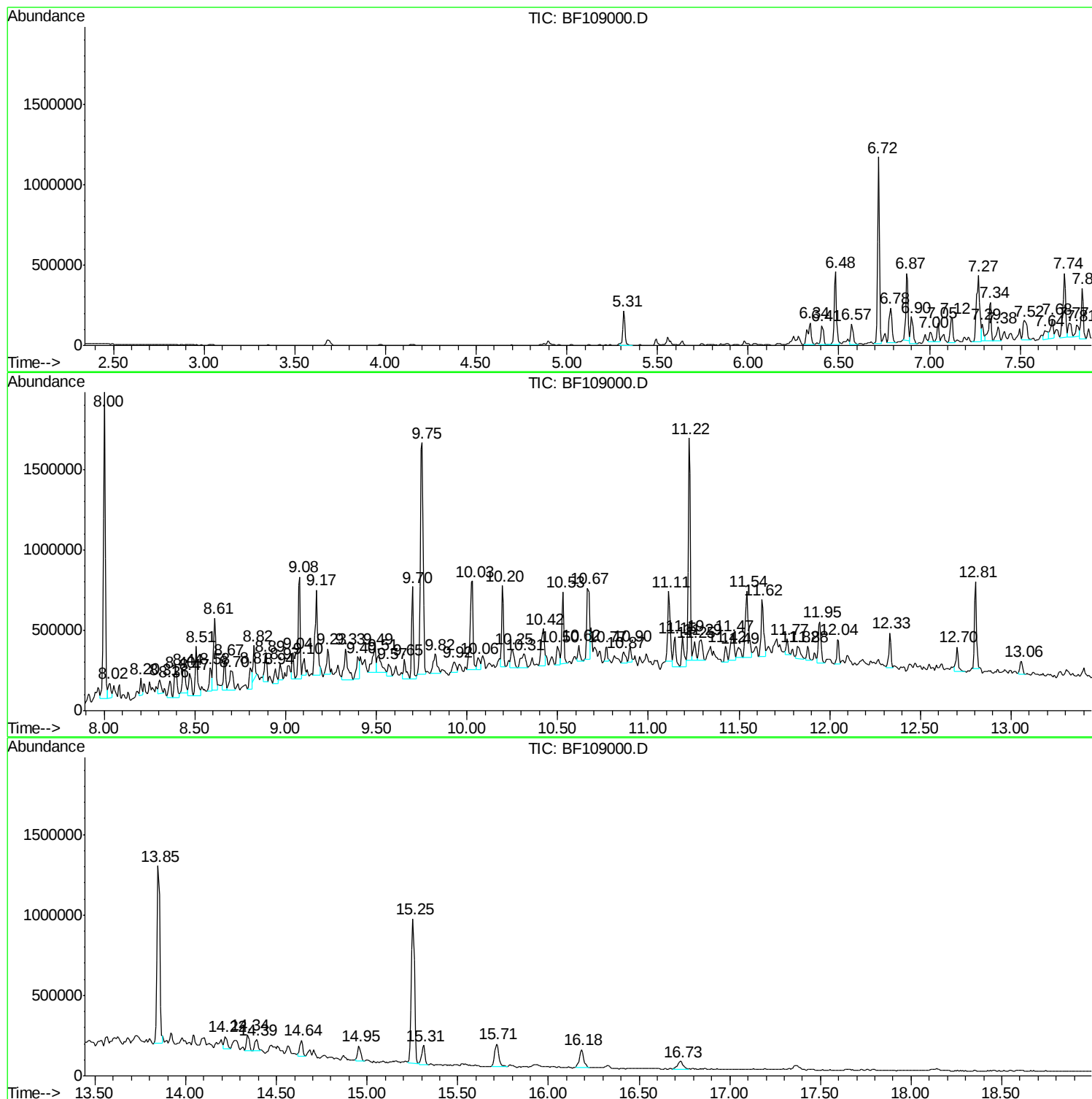
Sum of corrected areas: 25106236

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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



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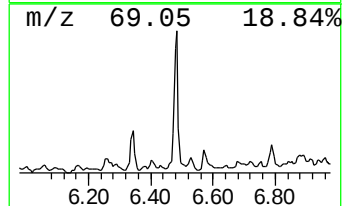
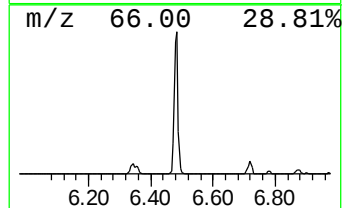
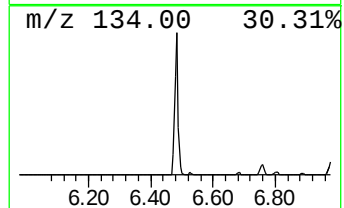
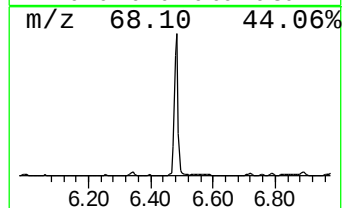
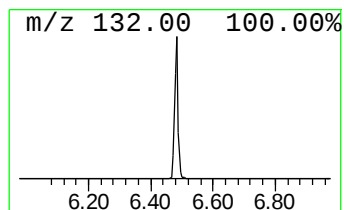
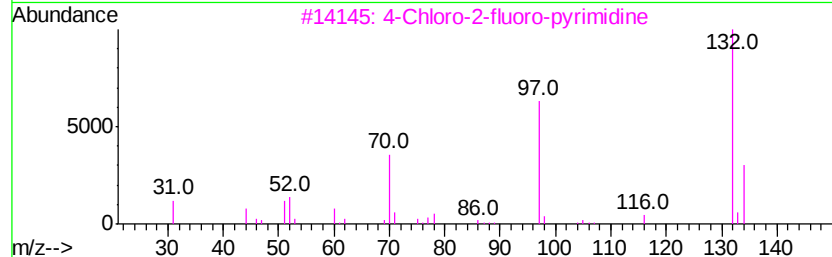
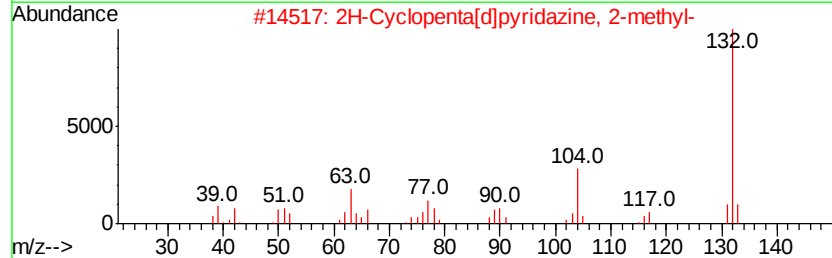
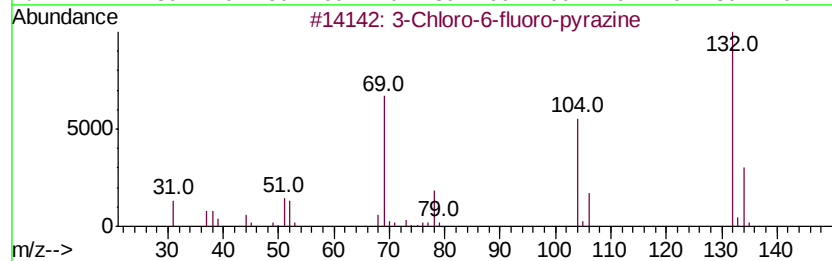
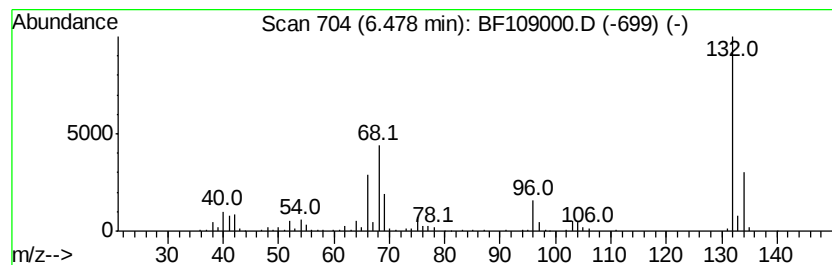
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	8.87 ng	409793	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	16
2		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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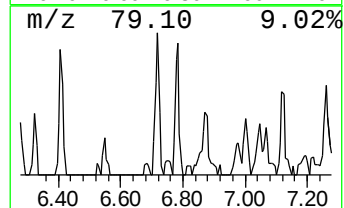
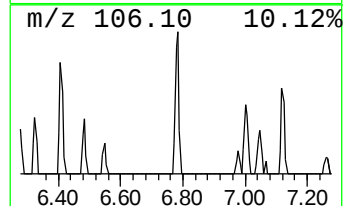
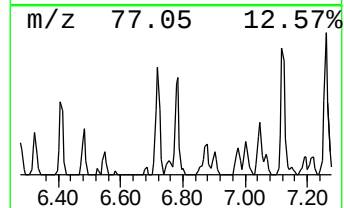
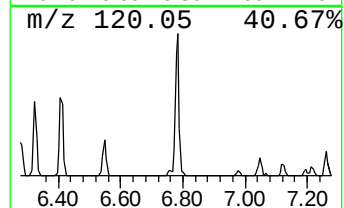
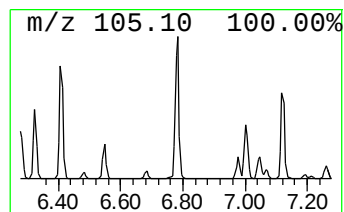
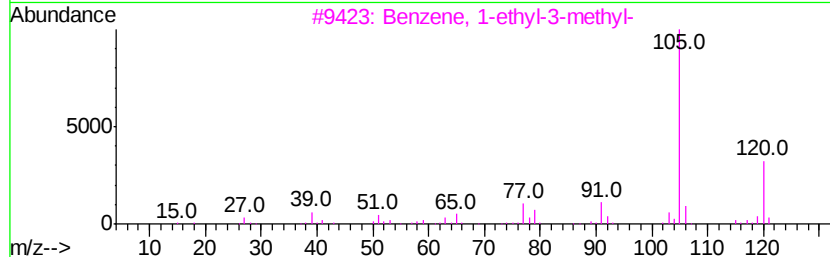
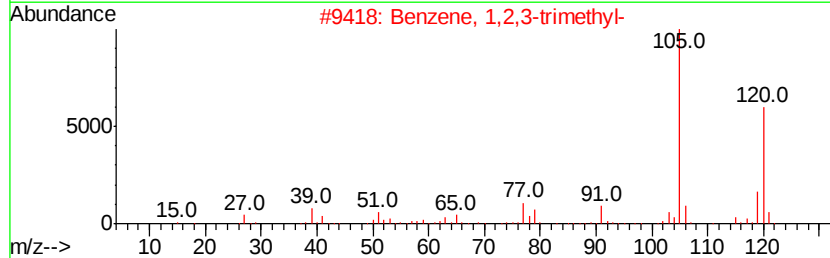
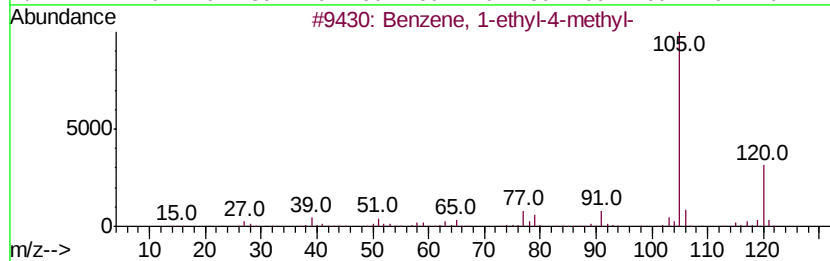
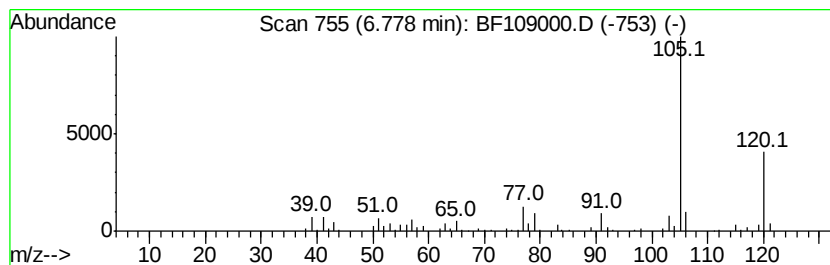
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	4.90 ng	226147	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5		Mesitylene	120	C9H12	000108-67-8	90



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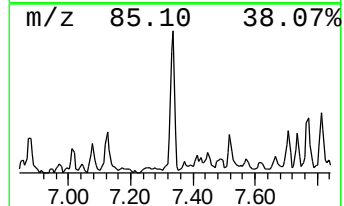
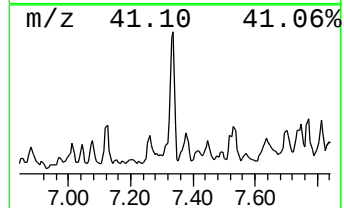
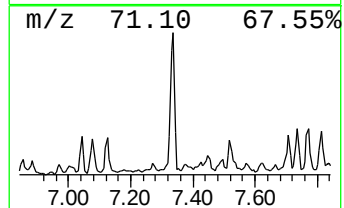
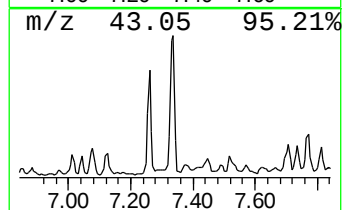
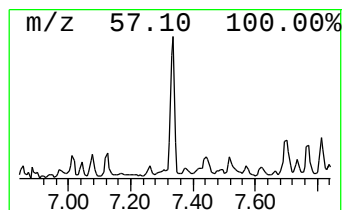
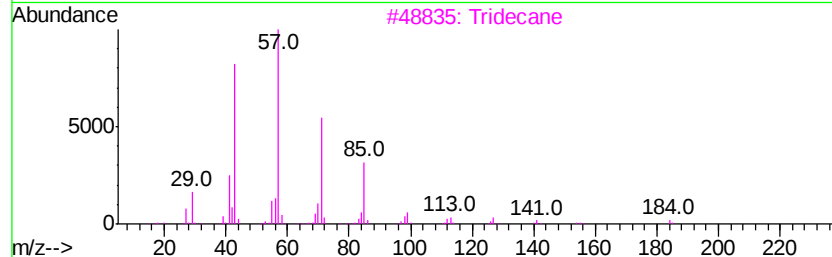
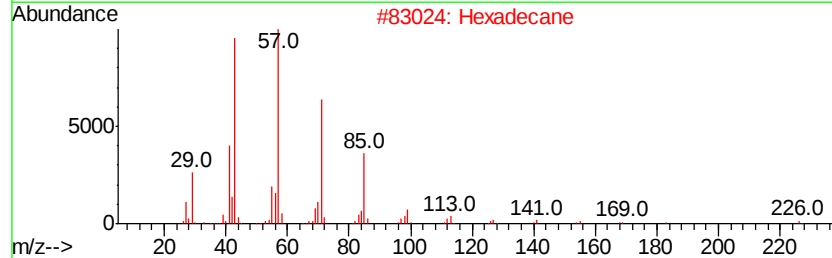
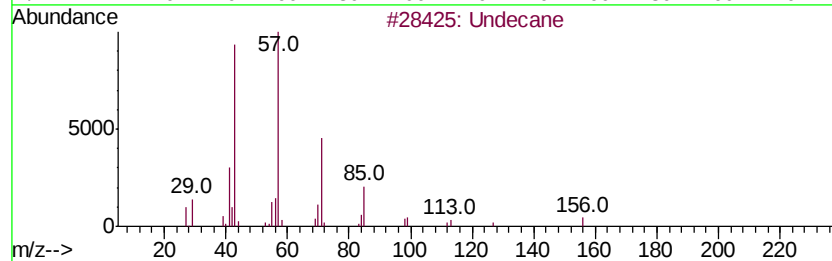
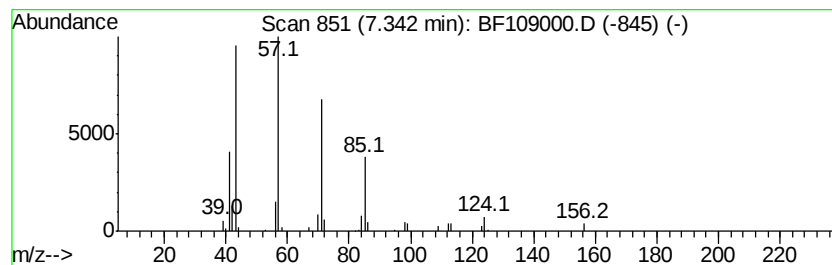
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	5.15 ng	237714	1,4-Dichlorobenzene-d4	6.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tridecane		184	C13H28	000629-50-5	86
4	Decane, 2-methyl-		156	C11H24	006975-98-0	72
5	Decane, 2,3,7-trimethyl-		184	C13H28	062238-13-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
Acq On : 14 Sep 2018 17:42
Operator : JU/SJ
Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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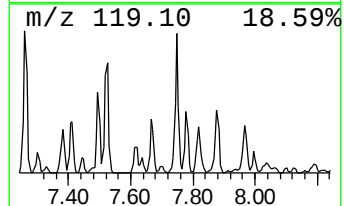
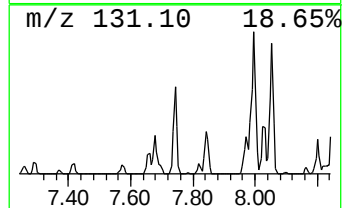
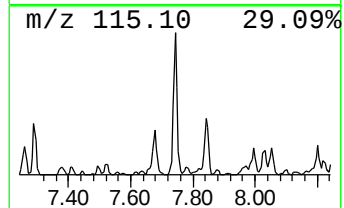
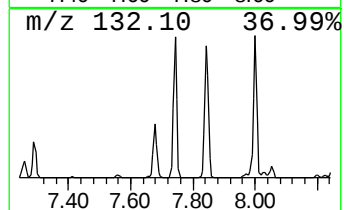
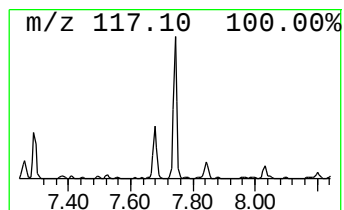
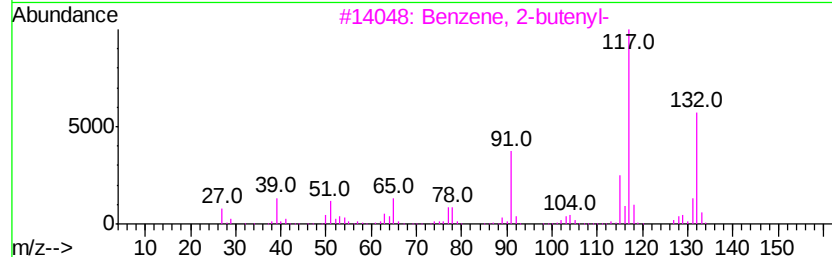
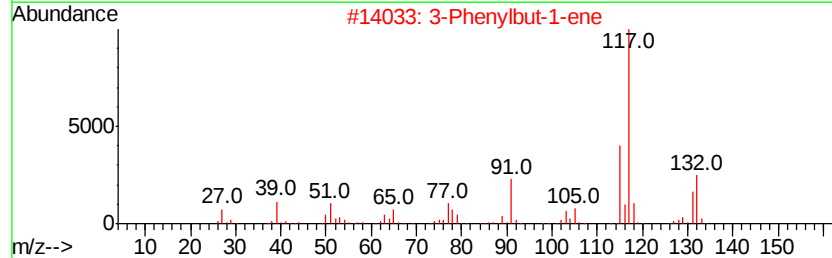
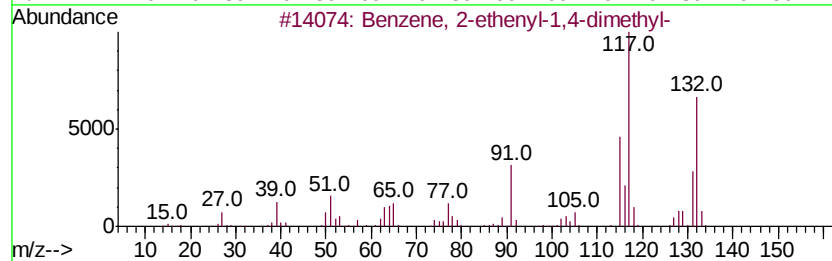
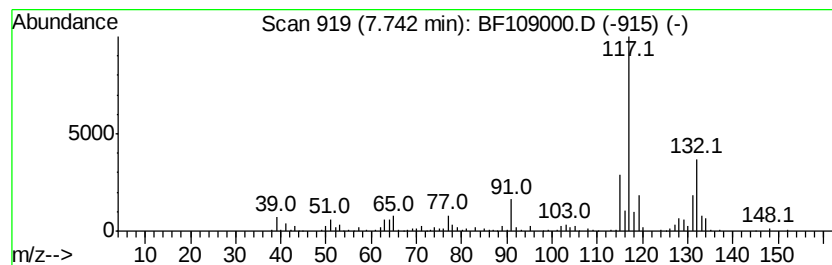
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	5.28 ng	409703	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
Acq On : 14 Sep 2018 17:42
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Sample : J4882-01 5X
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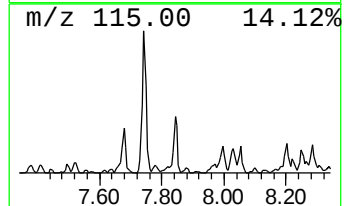
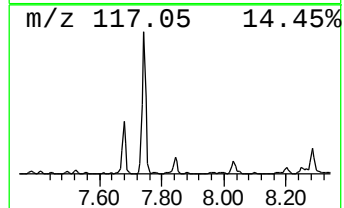
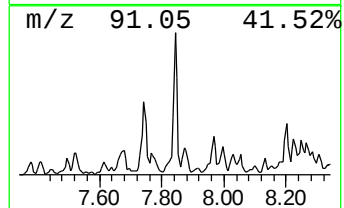
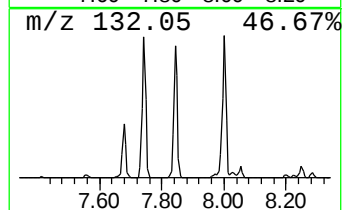
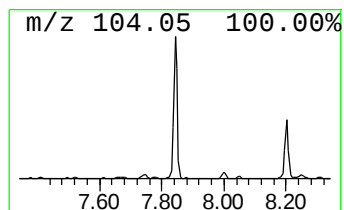
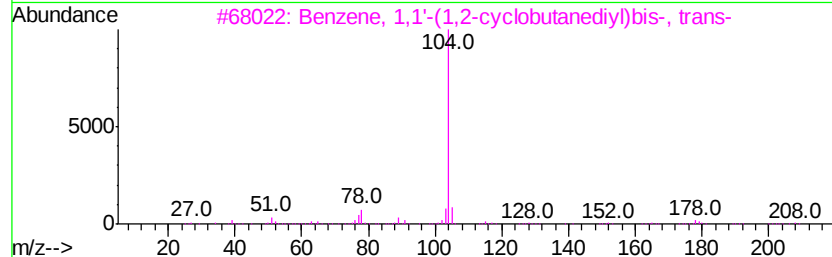
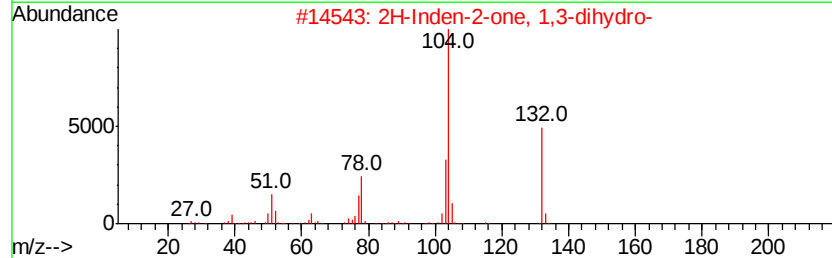
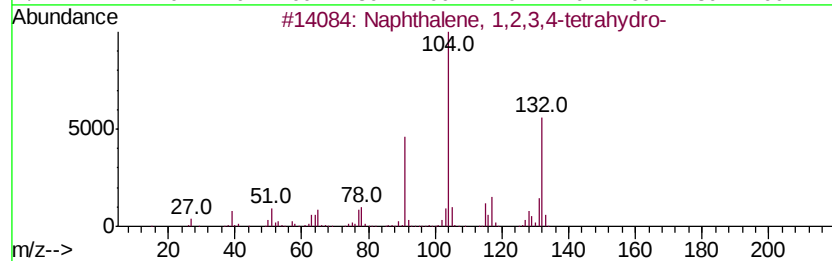
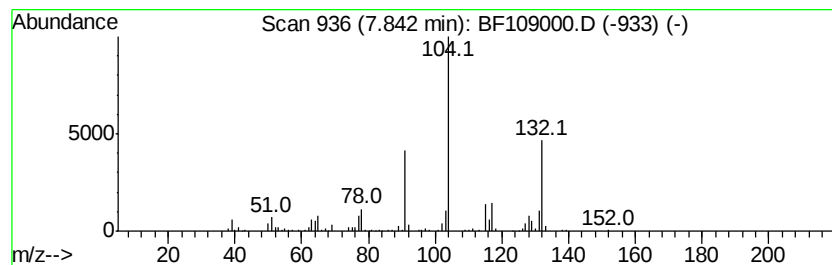
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.68 ng	285724	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3		Benzene, 1,1'-(1,2-cyclobutanediyl)bis-, trans-	208	C16H16	020071-09-4	38
4		Benzenebutanal	148	C10H12O	018328-11-5	38
5		Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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Sample : J4882-01 5X
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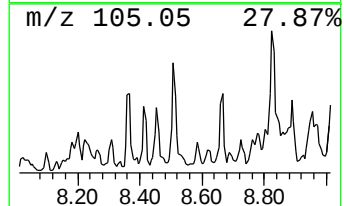
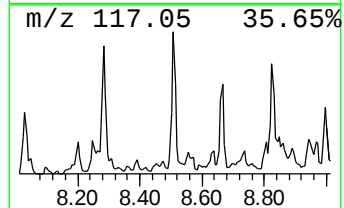
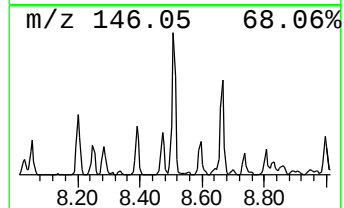
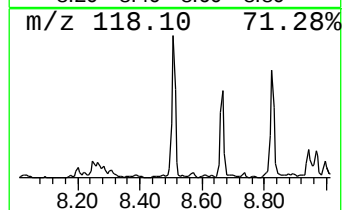
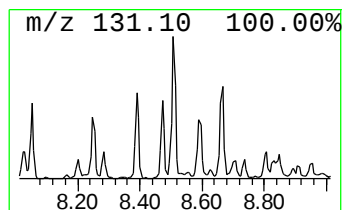
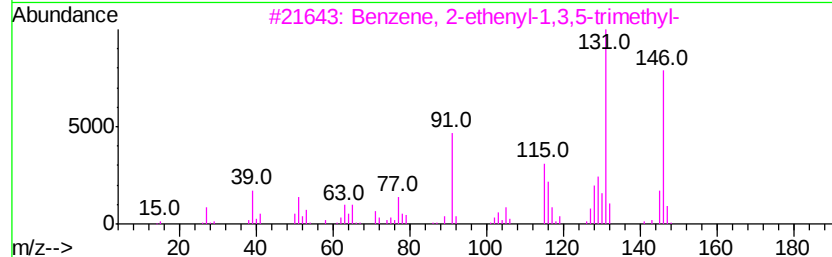
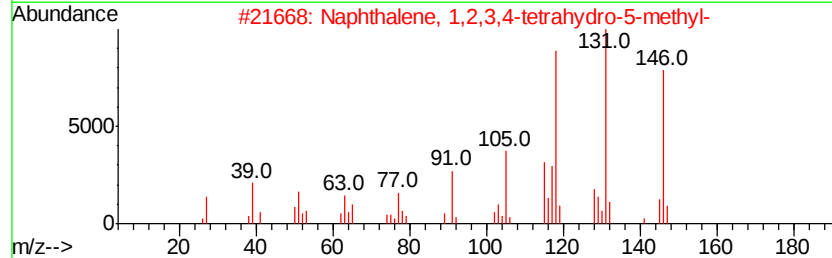
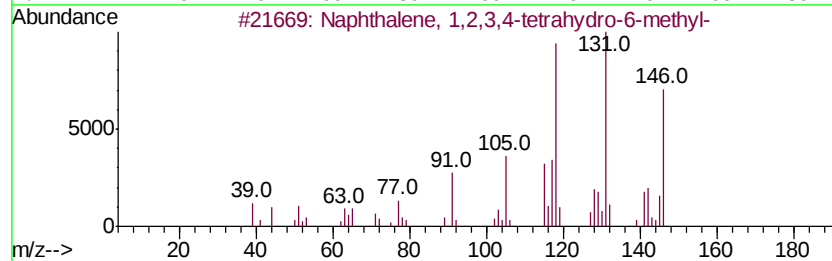
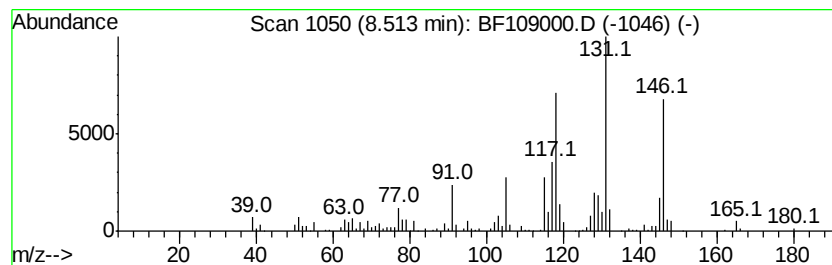
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.82 ng	296249	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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Sample : J4882-01 5X
Misc :
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Instrument :
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ClientSampleId :
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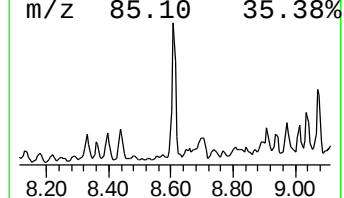
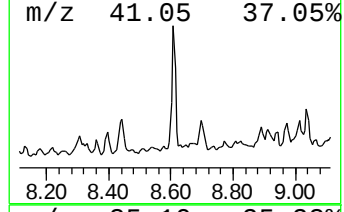
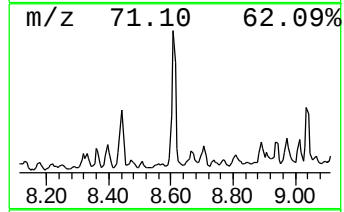
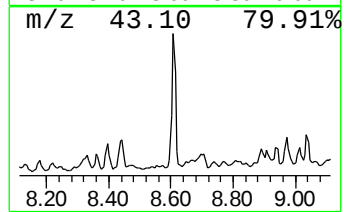
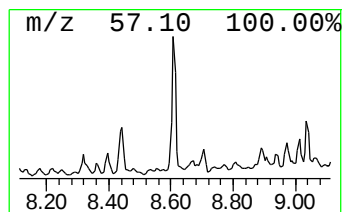
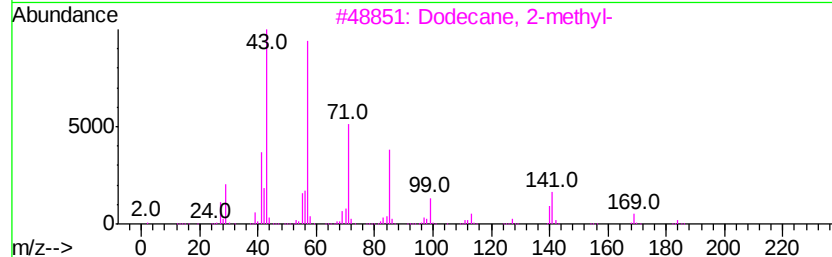
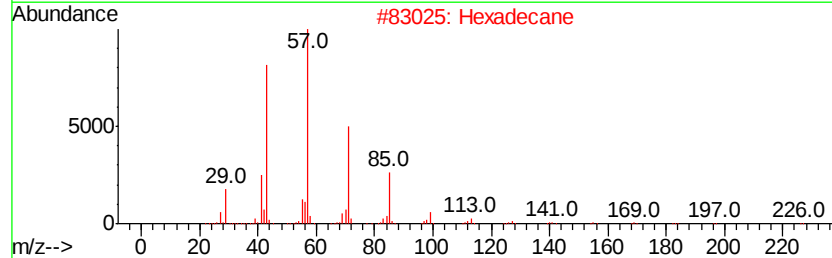
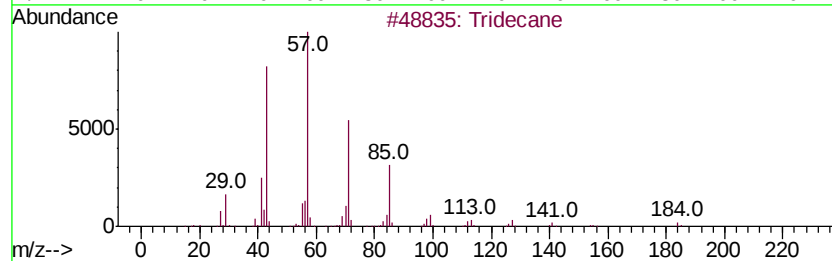
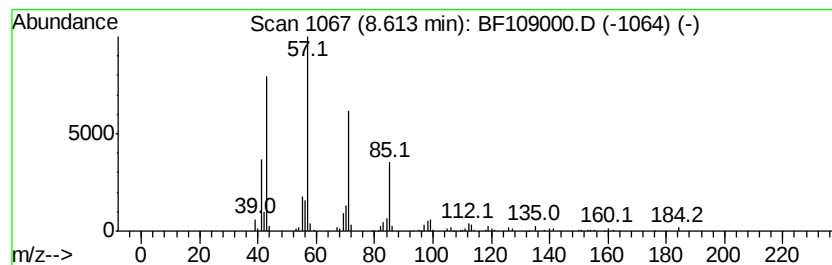
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	4.86 ng	377242	Naphthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Hexadecane		226	C16H34	000544-76-3	78
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	64
4	Undecane, 4,8-dimethyl-		184	C13H28	017301-33-6	62
5	Octadecane		254	C18H38	000593-45-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
Acq On : 14 Sep 2018 17:42
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Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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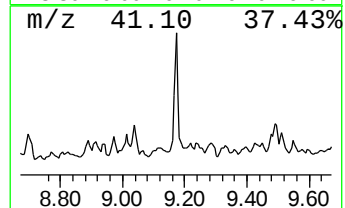
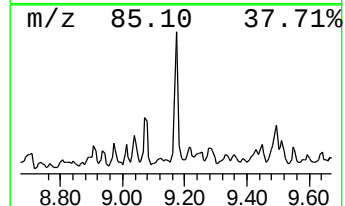
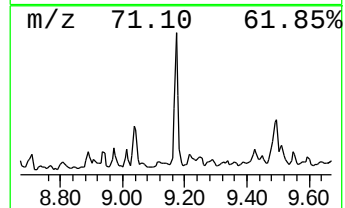
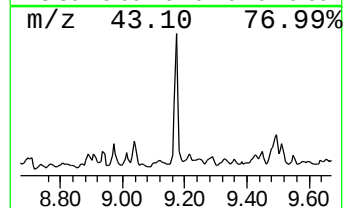
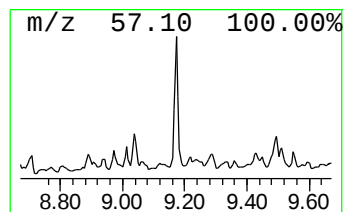
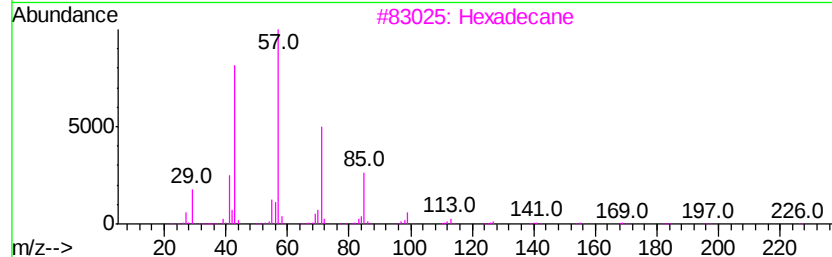
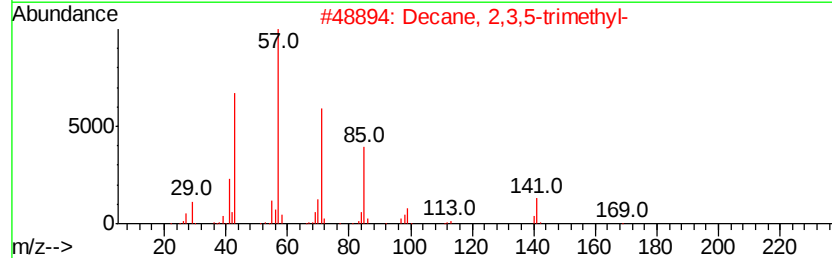
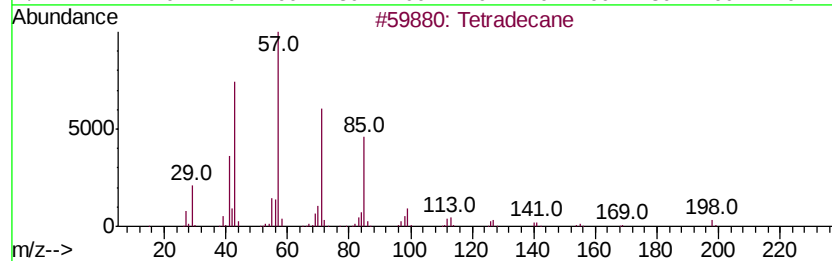
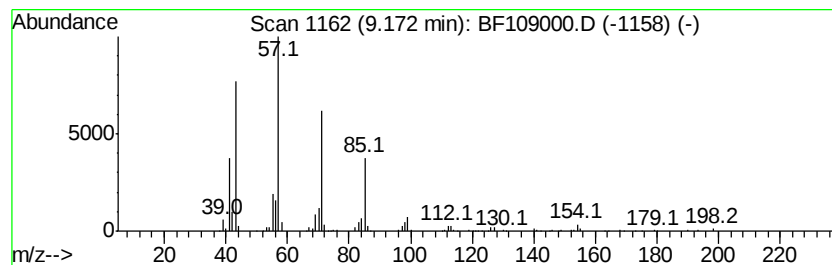
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	7.77 ng	551716	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane	184	C13H28	000629-50-5	78
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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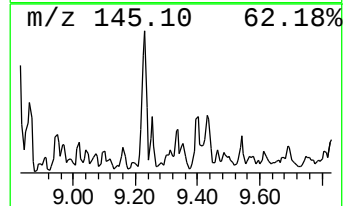
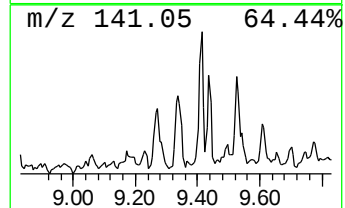
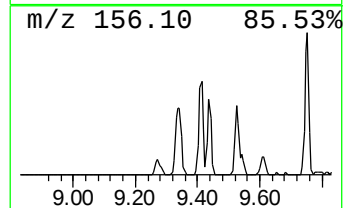
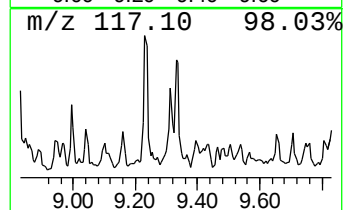
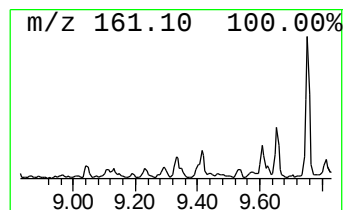
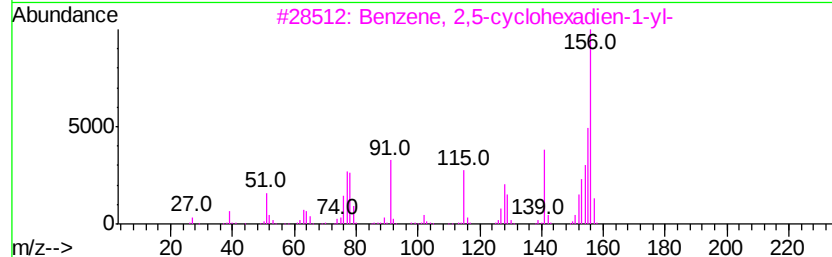
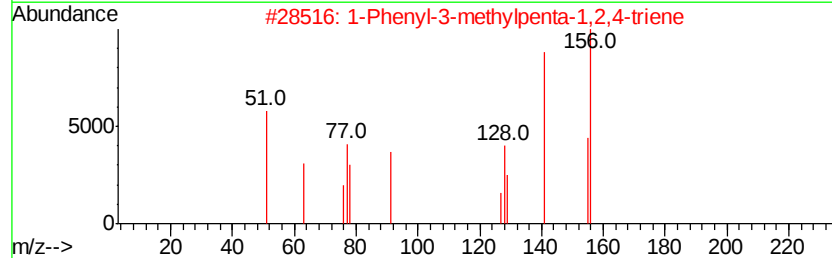
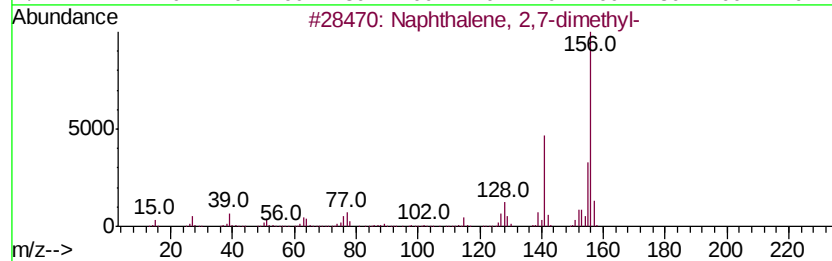
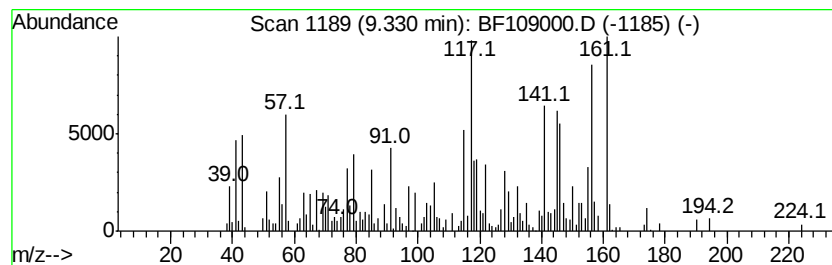
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.33	3.96 ng	281311	Acenaphthene-d10	9.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78
2	1-Phenyl-3-methylpenta-1,2,4-triene	156	C12H12	093247-38-2	49
3	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	38
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	35
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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Sample : J4882-01 5X
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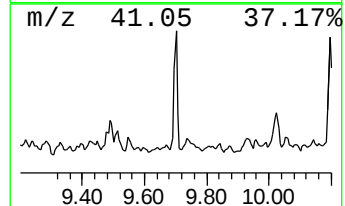
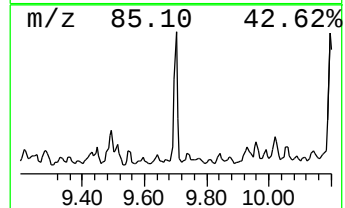
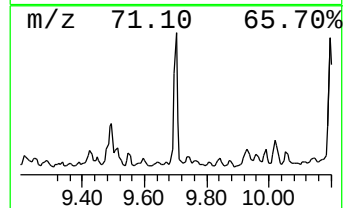
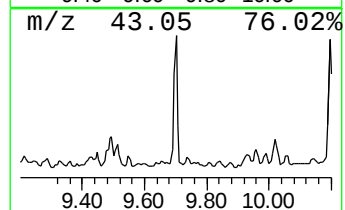
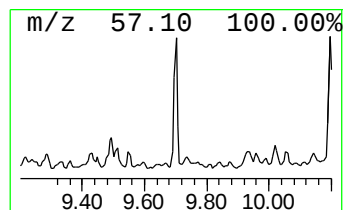
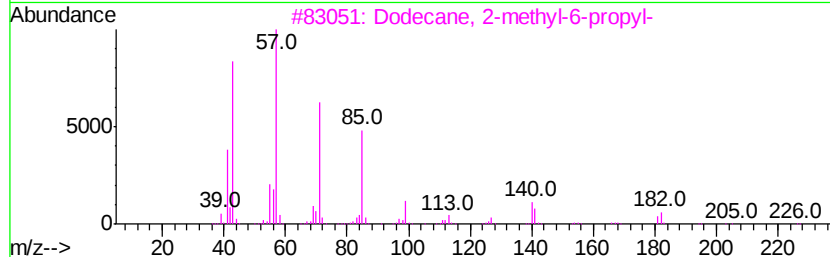
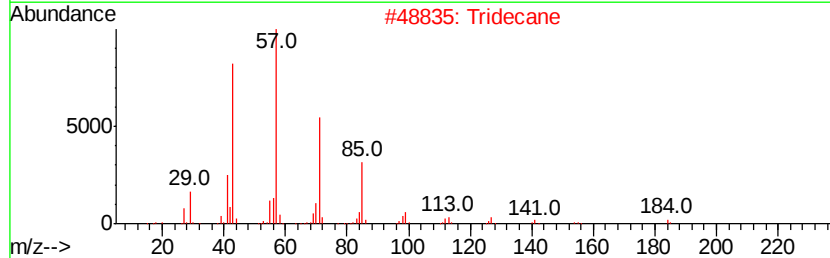
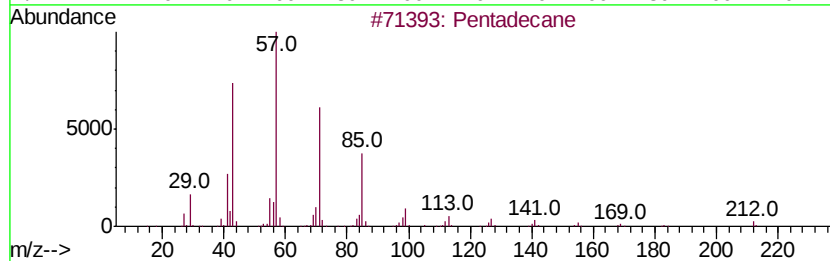
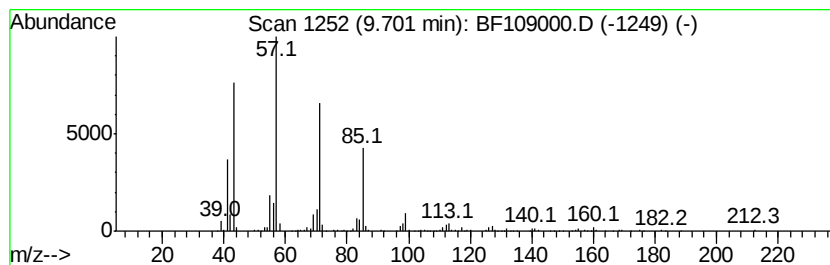
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	6.33 ng	449719	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	91
2	Tridecane	184 C13H28	000629-50-5	90
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
4	Hexadecane	226 C16H34	000544-76-3	80
5	Bacchotricuneatin c	342 C20H22O5	066563-30-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109000.D
 Acq On : 14 Sep 2018 17:42
 Operator : JU/SJ
 Sample : J4882-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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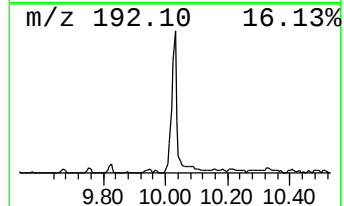
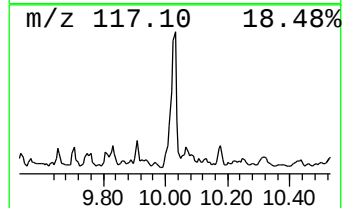
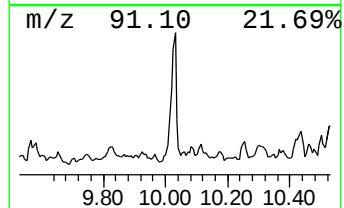
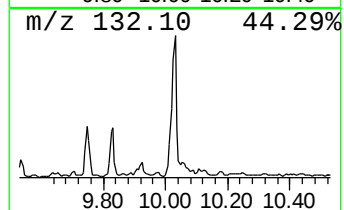
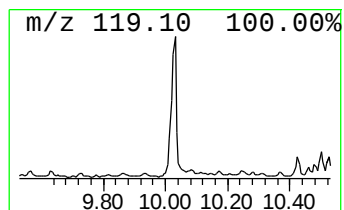
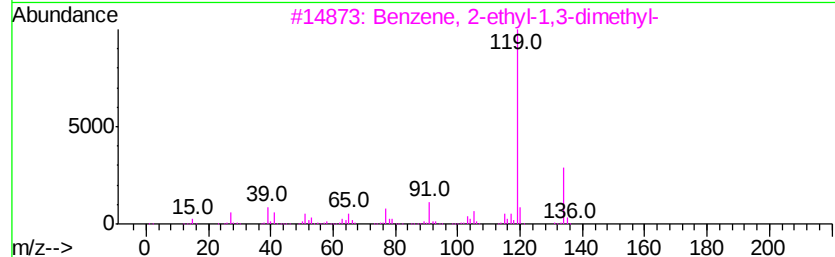
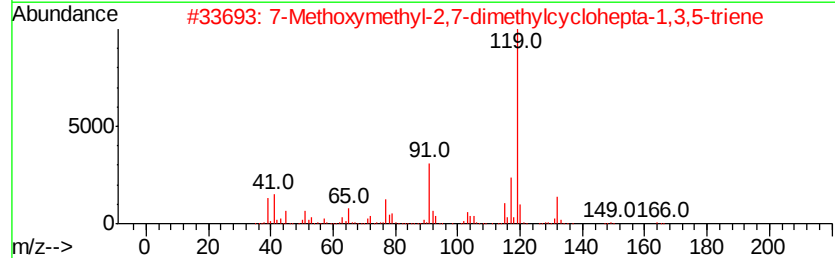
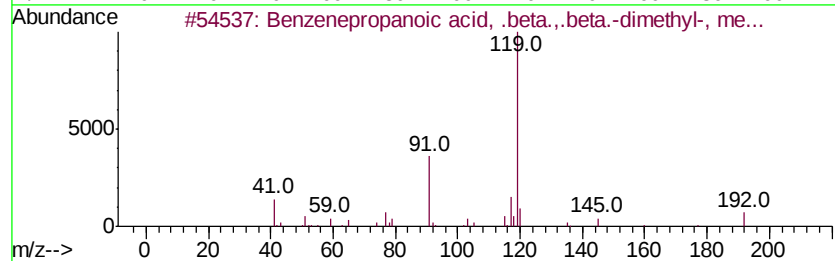
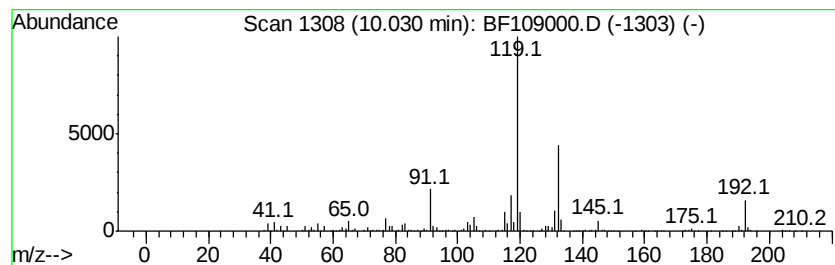
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Benzenepropanoic acid, .bet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	9.23 ng	656020	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	64
2		7-Methoxymethyl-2,7-dimethylcyclo...	164	C11H16O	073992-48-0	59
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49
4		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	47
5		Thiocyanic acid, 1,1,3-trimethyl...	233	C14H19NS	1000293-27-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
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Operator : JU/SJ
Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

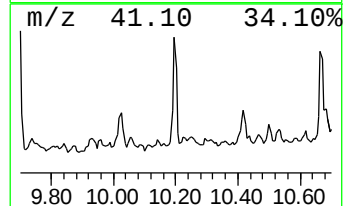
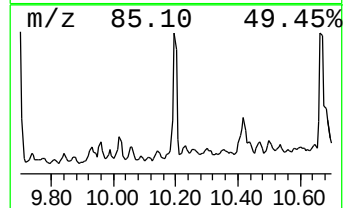
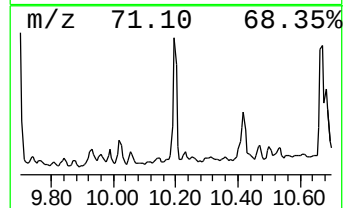
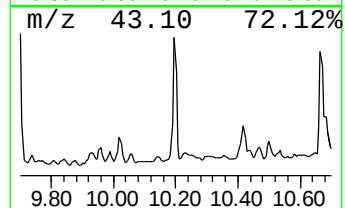
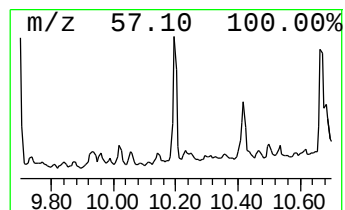
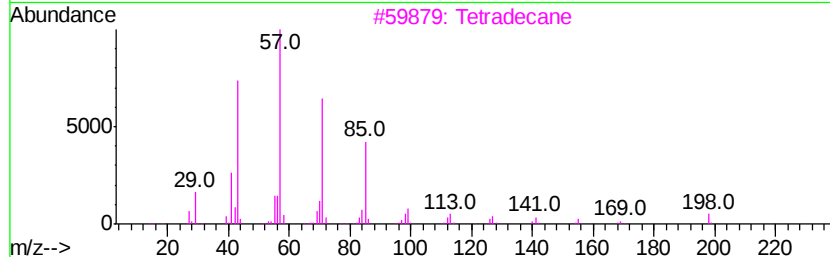
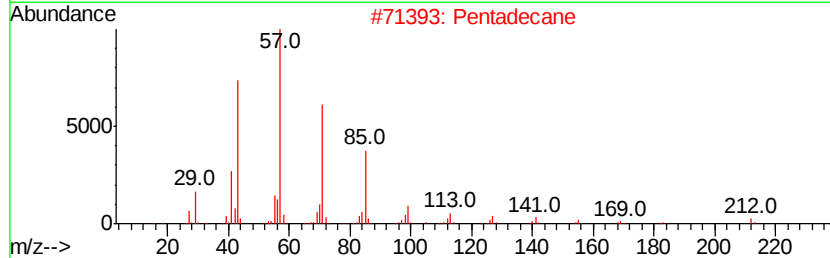
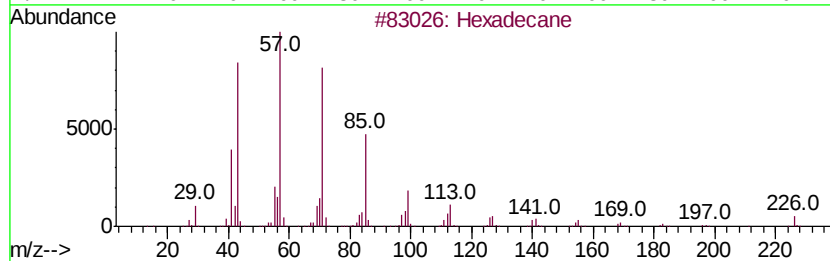
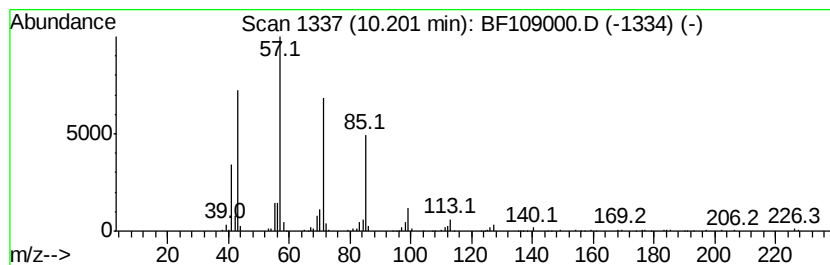
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	5.48 ng	389492	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetradecane	198 C14H30	000629-59-4	90
4	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	87
5	Tritetracontane	605 C43H88	007098-21-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
Acq On : 14 Sep 2018 17:42
Operator : JU/SJ
Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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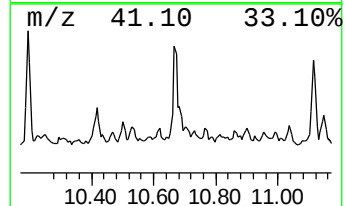
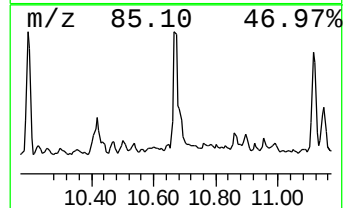
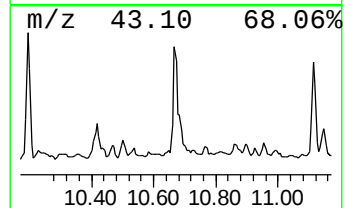
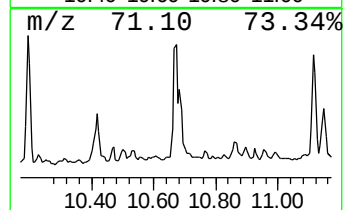
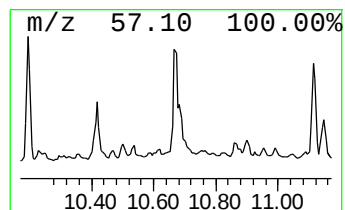
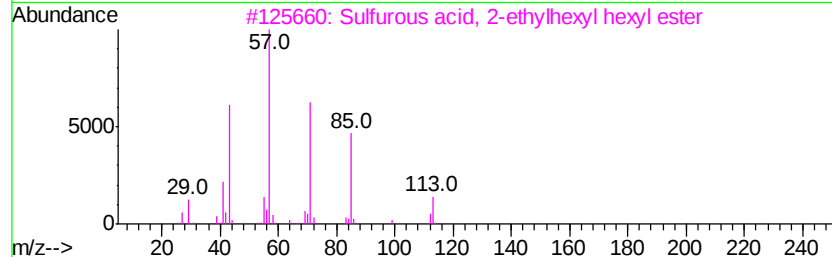
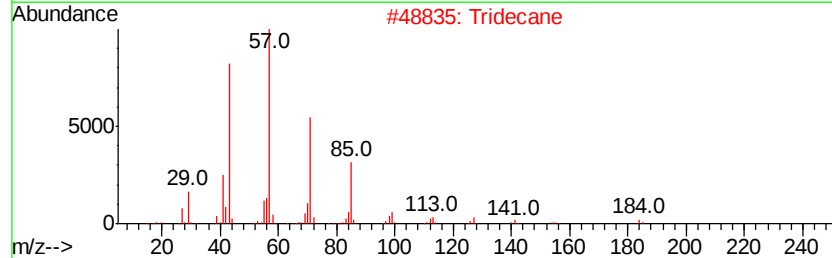
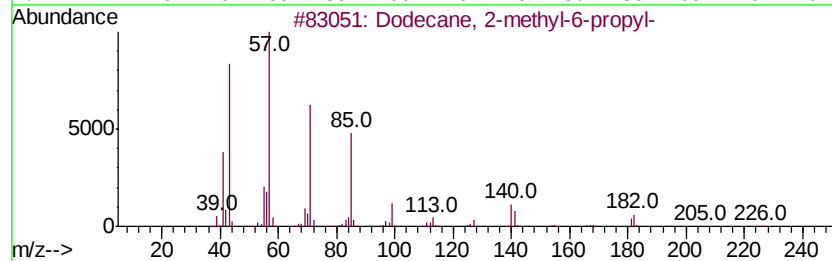
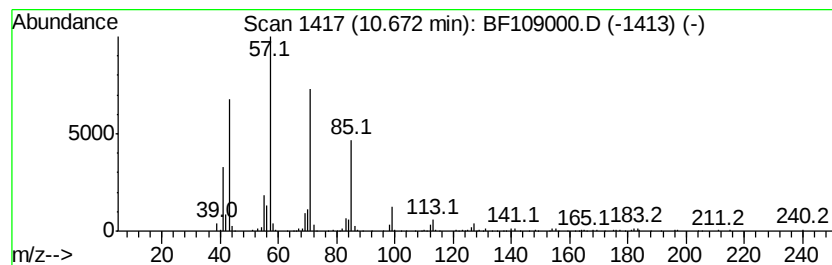
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	6.81 ng	407775	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2		Tridecane	184	C13H28	000629-50-5	81
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
Acq On : 14 Sep 2018 17:42
Operator : JU/SJ
Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

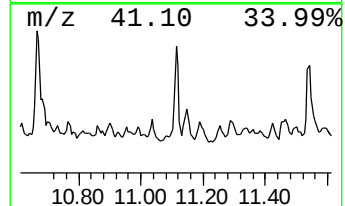
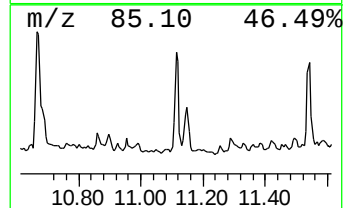
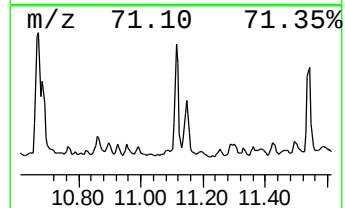
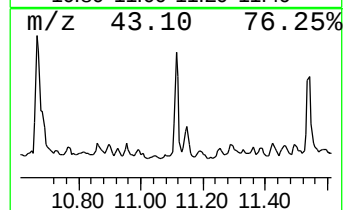
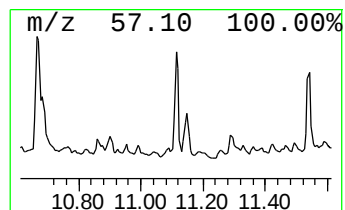
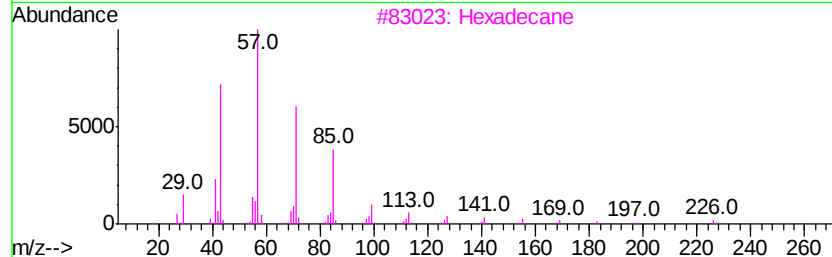
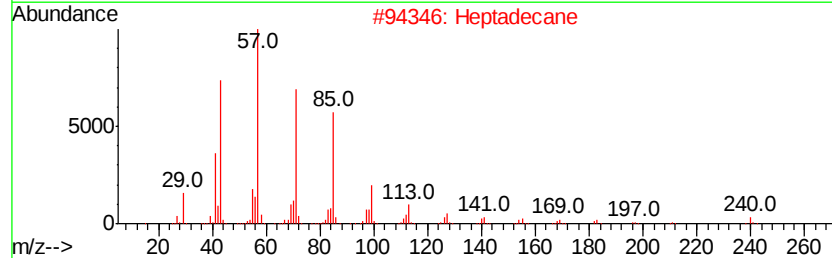
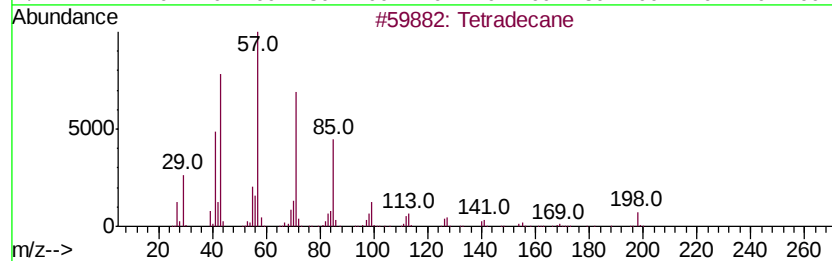
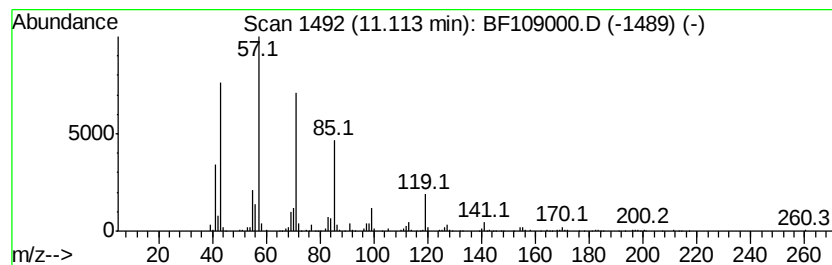
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 3-bromo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.11	6.32 ng	378691	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
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Operator : JU/SJ
Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

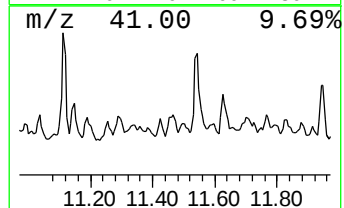
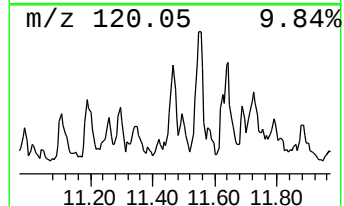
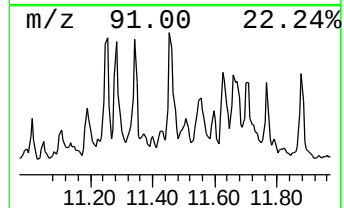
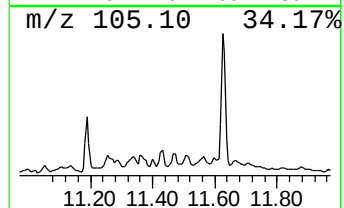
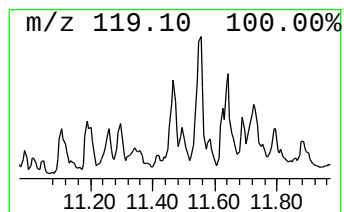
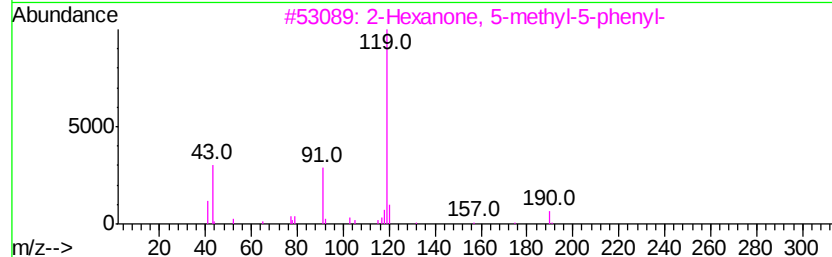
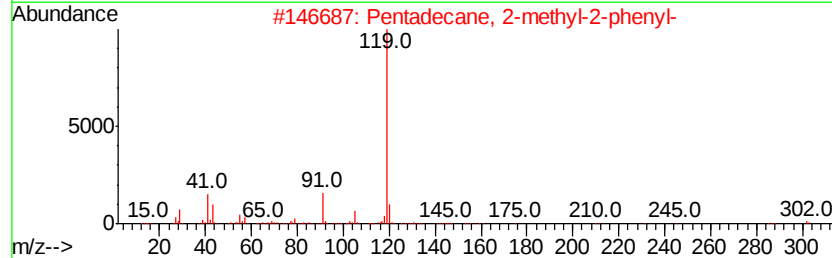
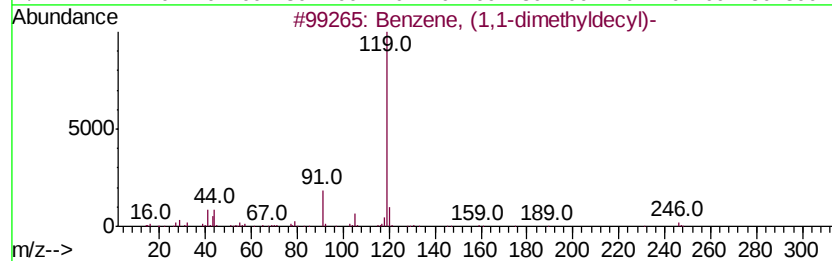
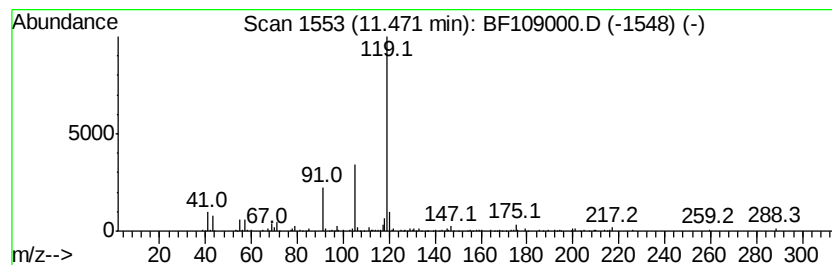
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, (1,1-dimethyldecyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.47	3.73 ng	223466	Phenanthrene-d10	11.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
2		Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
3		2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	59
4		Phenyl iso-butyl methylcarbinyl ...	220	C14H20O2	1000285-48-0	59
5		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

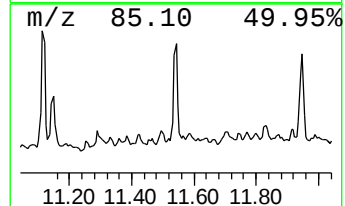
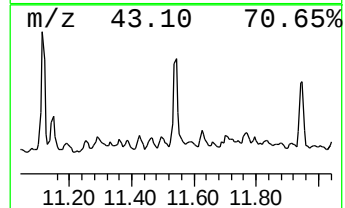
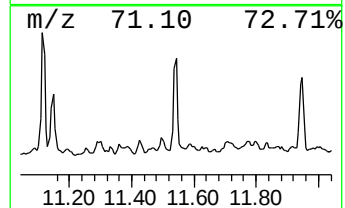
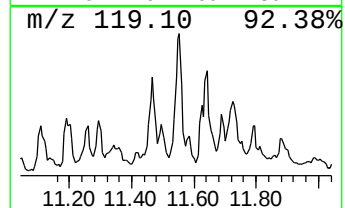
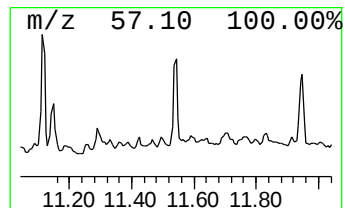
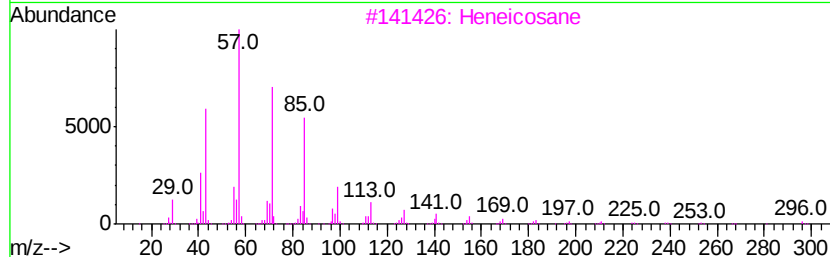
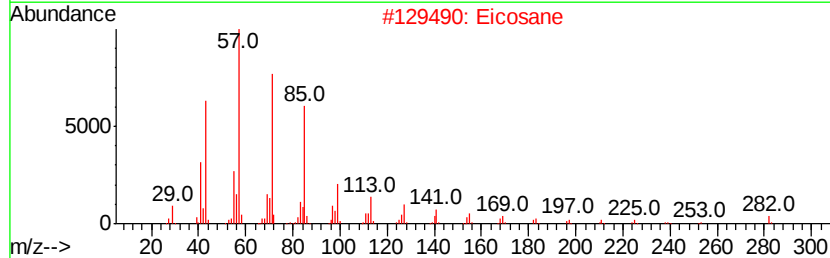
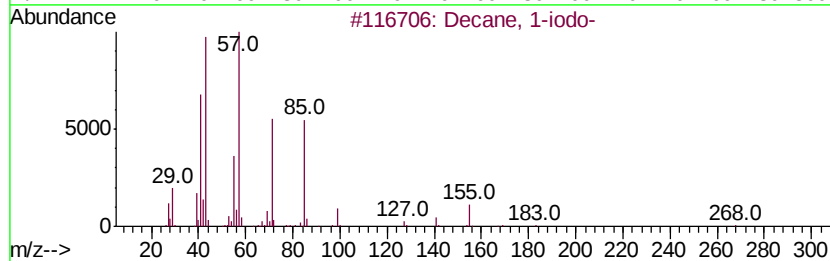
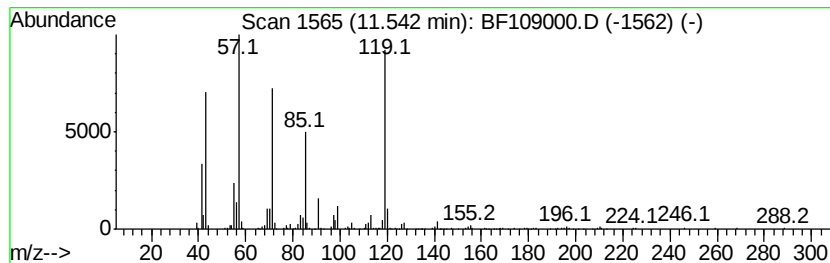
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown11.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.54	8.53 ng	510818	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	49
2	Eicosane	282	C20H42	000112-95-8	46
3	Heneicosane	296	C21H44	000629-94-7	46
4	Tetradecane	198	C14H30	000629-59-4	46
5	Tetracosane	338	C24H50	000646-31-1	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
Acq On : 14 Sep 2018 17:42
Operator : JU/SJ
Sample : J4882-01 5X
Misc :
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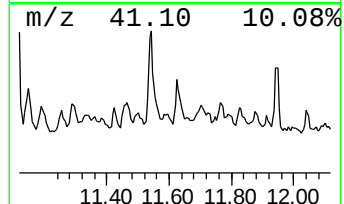
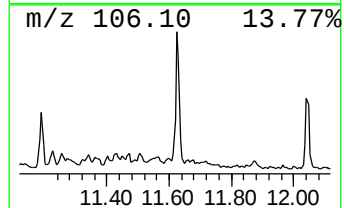
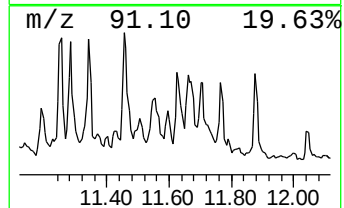
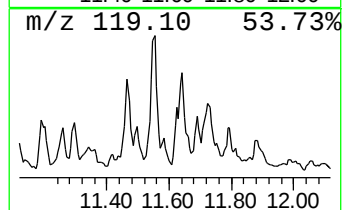
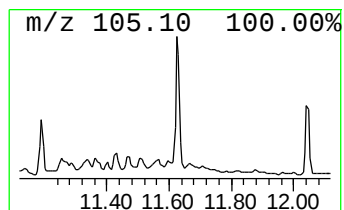
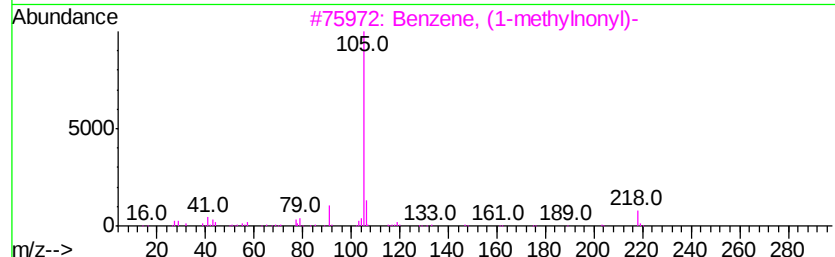
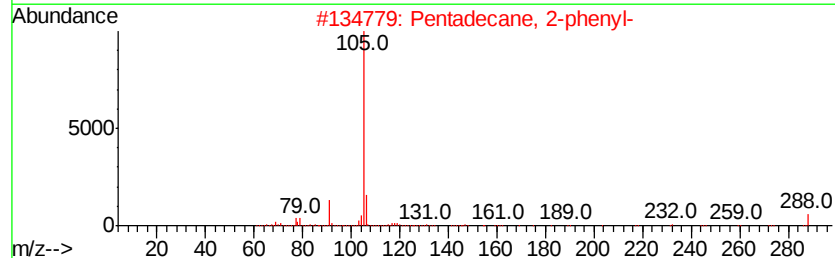
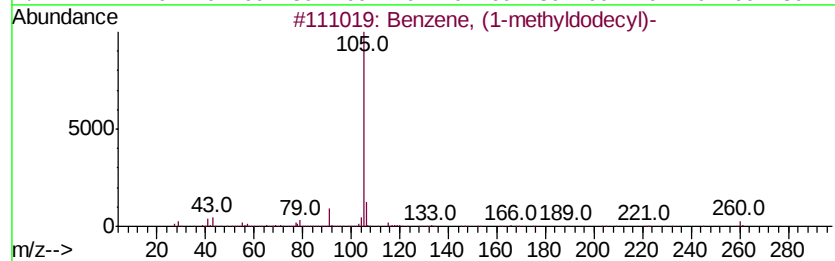
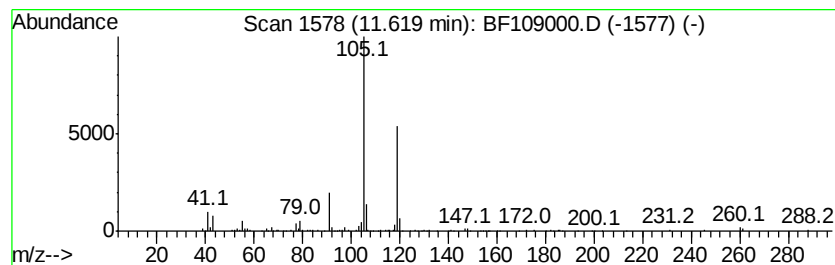
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, (1-methyldodecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.62	6.30 ng	377515	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	58
2	Pentadecane, 2-phenyl-	288	C21H36	004534-66-1	53
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	47
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	47
5	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
Acq On : 14 Sep 2018 17:42
Operator : JU/SJ
Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

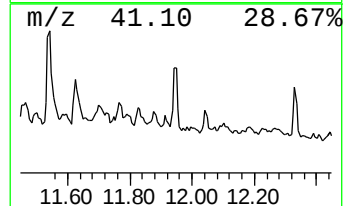
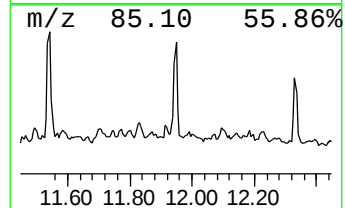
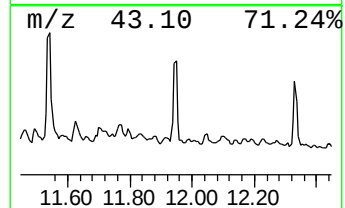
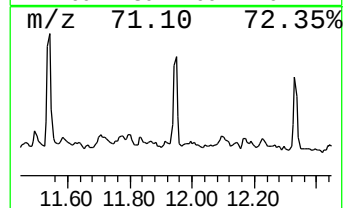
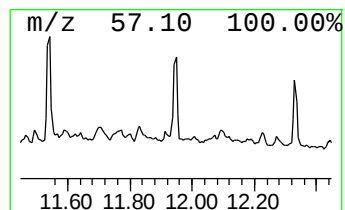
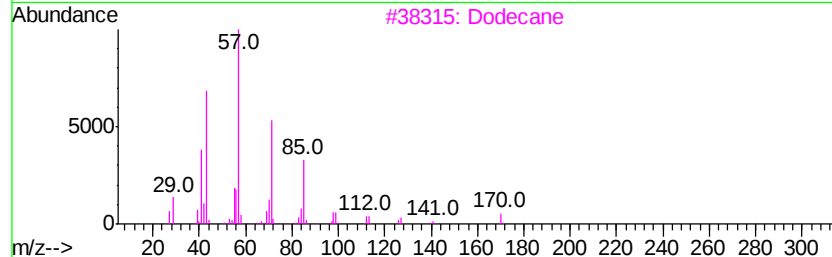
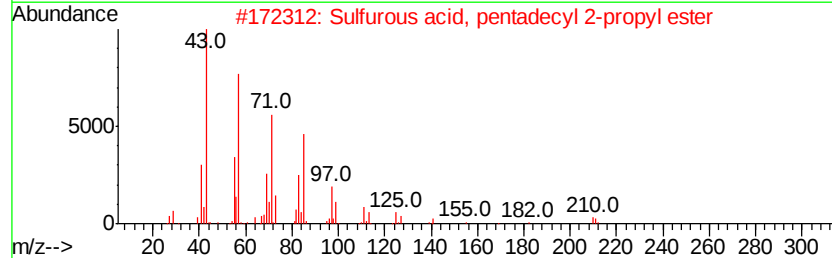
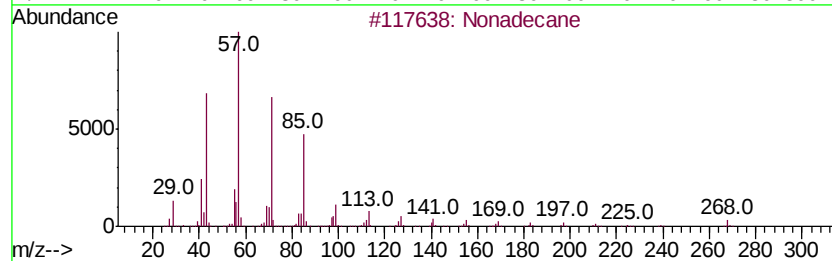
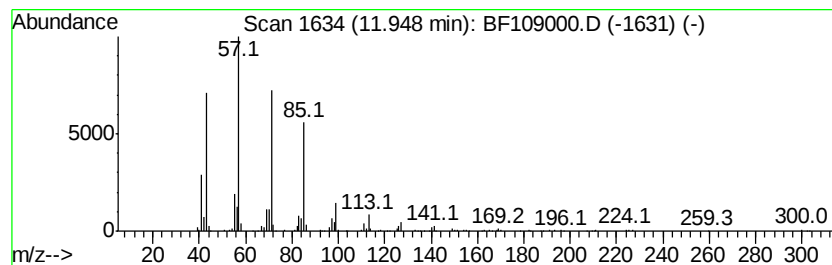
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	3.96 ng	236903	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
3	Dodecane	170	C12H26	000112-40-3	80
4	Tetracosane	338	C24H50	000646-31-1	72
5	Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109000.D
Acq On : 14 Sep 2018 17:42
Operator : JU/SJ
Sample : J4882-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
28570

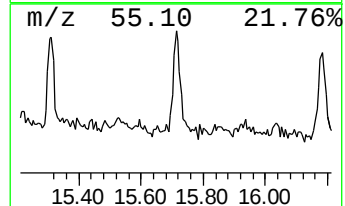
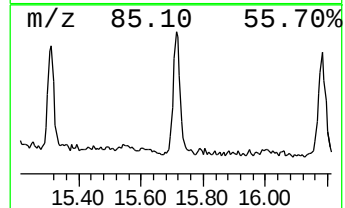
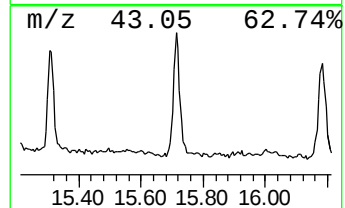
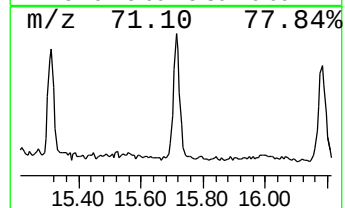
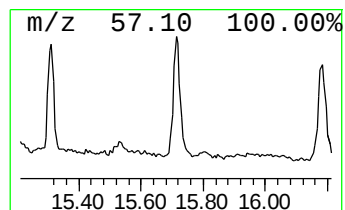
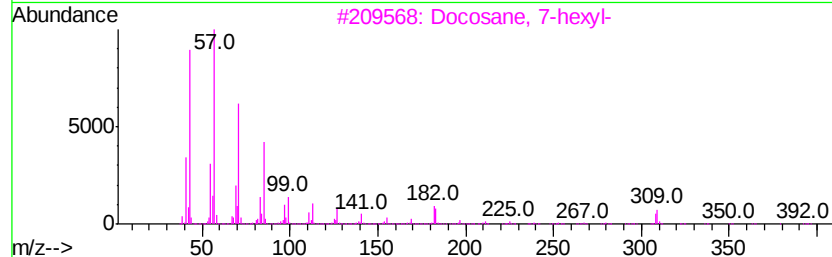
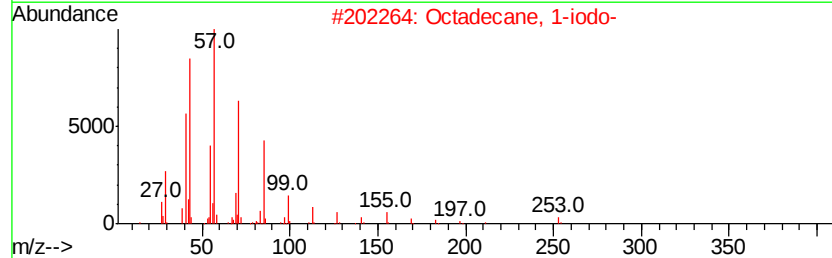
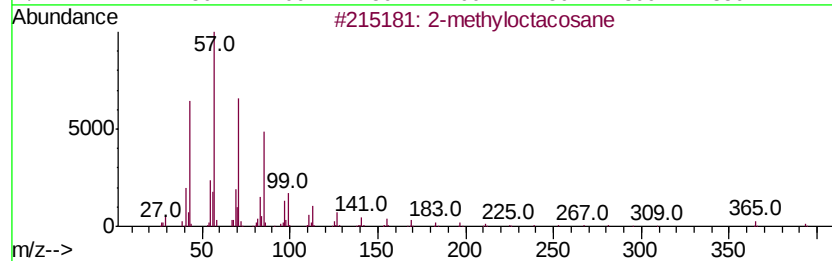
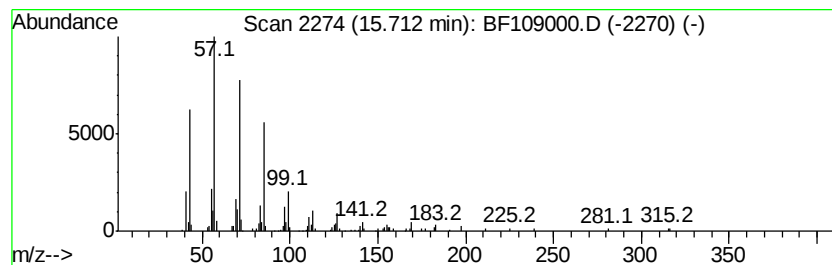
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-methyloctacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	4.19 ng	216192	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3		Docosane, 7-hexyl-	394	C28H58	055373-86-9	86
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109000.D
 Acq On : 14 Sep 2018 17:42
 Operator : JU/SJ
 Sample : J4882-01 5X
 Misc :
 ALS Vial : 9 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	8.9	ng	409793	1	6.72	923982	20.0
Benzene, 1-ethyl-...	6.78	4.9	ng	226147	1	6.72	923982	20.0
Undecane	7.34	5.2	ng	237714	1	6.72	923982	20.0
Benzene, 2-etheny...	7.74	5.3	ng	409703	2	8.00	1551710	20.0
Naphthalene, 1,2,...	7.84	3.7	ng	285724	2	8.00	1551710	20.0
Naphthalene, 1,2,...	8.51	3.8	ng	296249	2	8.00	1551710	20.0
Tridecane	8.61	4.9	ng	377242	2	8.00	1551710	20.0
Tetradecane	9.17	7.8	ng	551716	3	9.75	1420960	20.0
Naphthalene, 2,7-...	9.33	4.0	ng	281311	3	9.75	1420960	20.0
Pentadecane	9.70	6.3	ng	449719	3	9.75	1420960	20.0
Benzenepropanoic ...	10.03	9.2	ng	656020	3	9.75	1420960	20.0
Hexadecane	10.20	5.5	ng	389492	3	9.75	1420960	20.0
Dodecane, 2-methy...	10.67	6.8	ng	407775	4	11.22	1197880	20.0
Decane, 3-bromo-	11.11	6.3	ng	378691	4	11.22	1197880	20.0
Benzene, (1,1-dim...	11.47	3.7	ng	223466	4	11.22	1197880	20.0
unknown11.54	11.54	8.5	ng	510818	4	11.22	1197880	20.0
Benzene, (1-methy...	11.62	6.3	ng	377515	4	11.22	1197880	20.0
Nonadecane	11.95	4.0	ng	236903	4	11.22	1197880	20.0
2-methyloctacosane	15.71	4.2	ng	216192	6	15.25	1032680	20.0