

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092319\
 Data File : BF117211.D
 Acq On : 23 Sep 2019 18:06
 Operator : HP/JU
 Sample : K4665-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091919

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-BF091319.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	5.434	565	569	584	rBV	195347	220399	61.48%	2.566%
2	6.451	738	742	747	rVV	226186	254832	71.09%	2.967%
3	6.551	755	759	761	rBV2	16036	21522	6.00%	0.251%
4	6.587	761	765	772	rVB	291229	287657	80.25%	3.350%
5	6.651	772	776	778	rBV4	17065	20635	5.76%	0.240%
6	6.810	800	803	807	rBV	188959	155383	43.35%	1.809%
7	6.869	811	813	816	rBV2	28355	27823	7.76%	0.324%
8	6.910	816	820	826	rBV6	14921	24608	6.86%	0.287%
9	6.969	826	830	833	rBV	240512	222376	62.03%	2.589%
10	7.087	848	850	853	rVB2	37546	35577	9.92%	0.414%
11	7.134	853	858	860	rVB2	35185	33917	9.46%	0.395%
12	7.204	867	870	873	rBV2	73511	70582	19.69%	0.822%
13	7.239	873	876	881	rVB4	20222	28134	7.85%	0.328%
14	7.345	890	894	896	rBV3	61395	70516	19.67%	0.821%
15	7.369	896	898	904	rVV	139035	172616	48.15%	2.010%
16	7.463	908	914	917	rVB4	64240	93510	26.09%	1.089%
17	7.498	917	920	923	rBV4	31286	40872	11.40%	0.476%
18	7.534	923	926	930	rVV5	20869	34096	9.51%	0.397%
19	7.622	937	941	944	rVB3	111039	114962	32.07%	1.339%
20	7.698	949	954	956	rBV2	31595	42641	11.90%	0.497%
21	7.734	958	960	965	rVB3	62820	82733	23.08%	0.963%
22	7.781	965	968	970	rVB3	39996	32548	9.08%	0.379%
23	7.816	970	974	975	rBV4	43218	52016	14.51%	0.606%
24	7.834	975	977	980	rVV3	76318	68998	19.25%	0.803%
25	7.863	980	982	984	rVV2	41952	32230	8.99%	0.375%
26	7.916	987	991	992	rVV2	53090	58341	16.27%	0.679%
27	7.934	992	994	997	rVB	66570	48824	13.62%	0.569%
28	7.963	997	999	1003	rBV2	51448	59554	16.61%	0.693%
29	8.004	1003	1006	1009	rVB	40090	39298	10.96%	0.458%
30	8.057	1012	1015	1016	rVV3	31378	33854	9.44%	0.394%
31	8.092	1016	1021	1024	rVV2	260572	355521	99.18%	4.140%
32	8.145	1028	1030	1034	rVB3	83709	94581	26.38%	1.101%
33	8.186	1034	1037	1041	rBV4	52794	56392	15.73%	0.657%
34	8.269	1049	1051	1053	rBV2	32017	23725	6.62%	0.276%

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Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091919

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.292	1053	1055	1059	rVB2	70383	75492	21.06%	0.879%
36	8.386	1067	1071	1074	rVB4	78784	104117	29.04%	1.212%
37	8.445	1078	1081	1084	rVB3	39741	35025	9.77%	0.408%
38	8.481	1084	1087	1090	rBV2	71061	69016	19.25%	0.804%
39	8.516	1091	1093	1095	rBV	26802	26267	7.33%	0.306%
40	8.539	1095	1097	1099	rVB	50142	35125	9.80%	0.409%
41	8.563	1099	1101	1103	rVB	56398	42393	11.83%	0.494%
42	8.598	1104	1107	1110	rBV2	132517	109903	30.66%	1.280%
43	8.639	1110	1114	1116	rBV4	42270	36438	10.16%	0.424%
44	8.686	1119	1122	1125	rBV2	85584	95287	26.58%	1.110%
45	8.722	1125	1128	1131	rBV3	23290	28256	7.88%	0.329%
46	8.757	1131	1134	1135	rBV2	47458	36889	10.29%	0.430%
47	8.845	1146	1149	1151	rBV3	36020	38383	10.71%	0.447%
48	8.898	1155	1158	1159	rVV2	20916	23049	6.43%	0.268%
49	8.916	1159	1161	1164	rVB	109486	82728	23.08%	0.963%
50	9.039	1179	1182	1184	rBV2	36320	47327	13.20%	0.551%
51	9.116	1192	1195	1197	rBV3	58395	65878	18.38%	0.767%
52	9.169	1200	1204	1209	rVV	386266	330773	92.27%	3.852%
53	9.210	1209	1211	1213	rVB2	42215	34798	9.71%	0.405%
54	9.251	1215	1218	1222	rBV	79109	75112	20.95%	0.875%
55	9.322	1227	1230	1232	rVV	73373	68734	19.17%	0.800%
56	9.486	1255	1258	1259	rBV2	33030	32047	8.94%	0.373%
57	9.504	1259	1261	1263	rVV2	40252	39689	11.07%	0.462%
58	9.528	1263	1265	1268	rVV2	42573	37046	10.33%	0.431%
59	9.569	1268	1272	1274	rVV2	73684	105356	29.39%	1.227%
60	9.592	1274	1276	1279	rVV2	40047	42865	11.96%	0.499%
61	9.628	1280	1282	1286	rVB3	46720	40201	11.21%	0.468%
62	9.781	1306	1308	1310	rVB	59154	42755	11.93%	0.498%
63	9.845	1313	1319	1322	rBV	295368	263701	73.56%	3.071%
64	9.951	1334	1337	1343	rVB8	16293	24379	6.80%	0.284%
65	10.022	1345	1349	1350	rBV4	13984	20467	5.71%	0.238%
66	10.104	1359	1363	1366	rBV6	17489	25291	7.06%	0.294%
67	10.169	1370	1374	1380	rBV7	19101	32216	8.99%	0.375%
68	10.275	1386	1392	1395	rBV3	48761	57690	16.09%	0.672%
69	10.498	1425	1430	1436	rVB4	19151	28399	7.92%	0.331%
70	10.633	1451	1453	1462	rVV	176353	173219	48.32%	2.017%
71	10.751	1469	1473	1481	rVB3	31485	52002	14.51%	0.606%

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 Integrator: RTE
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72	11.198	1543	1549	1551	rBV	29876	30039	8.38%	0.350%
73	11.227	1551	1554	1559	rVB3	18498	20066	5.60%	0.234%
74	11.333	1568	1572	1575	rBV	235690	217138	60.57%	2.528%
75	11.622	1618	1621	1623	rVB	28340	19920	5.56%	0.232%
76	11.722	1634	1638	1642	rVB	60697	49824	13.90%	0.580%
77	11.857	1658	1661	1669	rBV2	68385	74025	20.65%	0.862%
78	12.027	1687	1690	1694	rBV	26797	22057	6.15%	0.257%
79	12.404	1751	1754	1756	rBV	229440	220577	61.53%	2.568%
80	12.427	1756	1758	1764	rVB	367900	306399	85.47%	3.568%
81	12.510	1769	1772	1775	rBV	45898	38304	10.69%	0.446%
82	12.545	1775	1778	1783	rBV	34932	45696	12.75%	0.532%
83	12.645	1790	1795	1801	rBV	108213	127913	35.68%	1.489%
84	12.774	1812	1817	1825	rVB2	33523	57568	16.06%	0.670%
85	12.910	1837	1840	1846	rVB	288866	260616	72.70%	3.035%
86	13.145	1876	1880	1883	rBV5	19531	27268	7.61%	0.318%
87	13.486	1935	1938	1942	rVB3	19636	18845	5.26%	0.219%
88	13.810	1990	1993	1994	rBV2	20599	20185	5.63%	0.235%
89	13.974	2016	2021	2027	rVV	162466	187002	52.17%	2.178%
90	14.127	2044	2047	2049	rBV	49826	46540	12.98%	0.542%
91	14.433	2095	2099	2103	rBV	85010	88701	24.74%	1.033%
92	14.733	2146	2150	2154	rBV	144982	143008	39.89%	1.665%
93	15.063	2202	2206	2212	rVB	186440	215829	60.21%	2.513%
94	15.427	2264	2268	2275	rVB2	267973	358471	100.00%	4.174%
95	15.557	2287	2290	2298	rVB9	26853	40791	11.38%	0.475%
96	15.857	2336	2341	2345	rVB	111244	156454	43.64%	1.822%
97	16.098	2379	2382	2392	rVB8	40292	81323	22.69%	0.947%
98	16.345	2420	2424	2432	rVB2	56081	94403	26.33%	1.099%
99	16.521	2450	2454	2461	rVB8	37788	76259	21.27%	0.888%
100	17.598	2632	2637	2647	rVB8	21295	53007	14.79%	0.617%

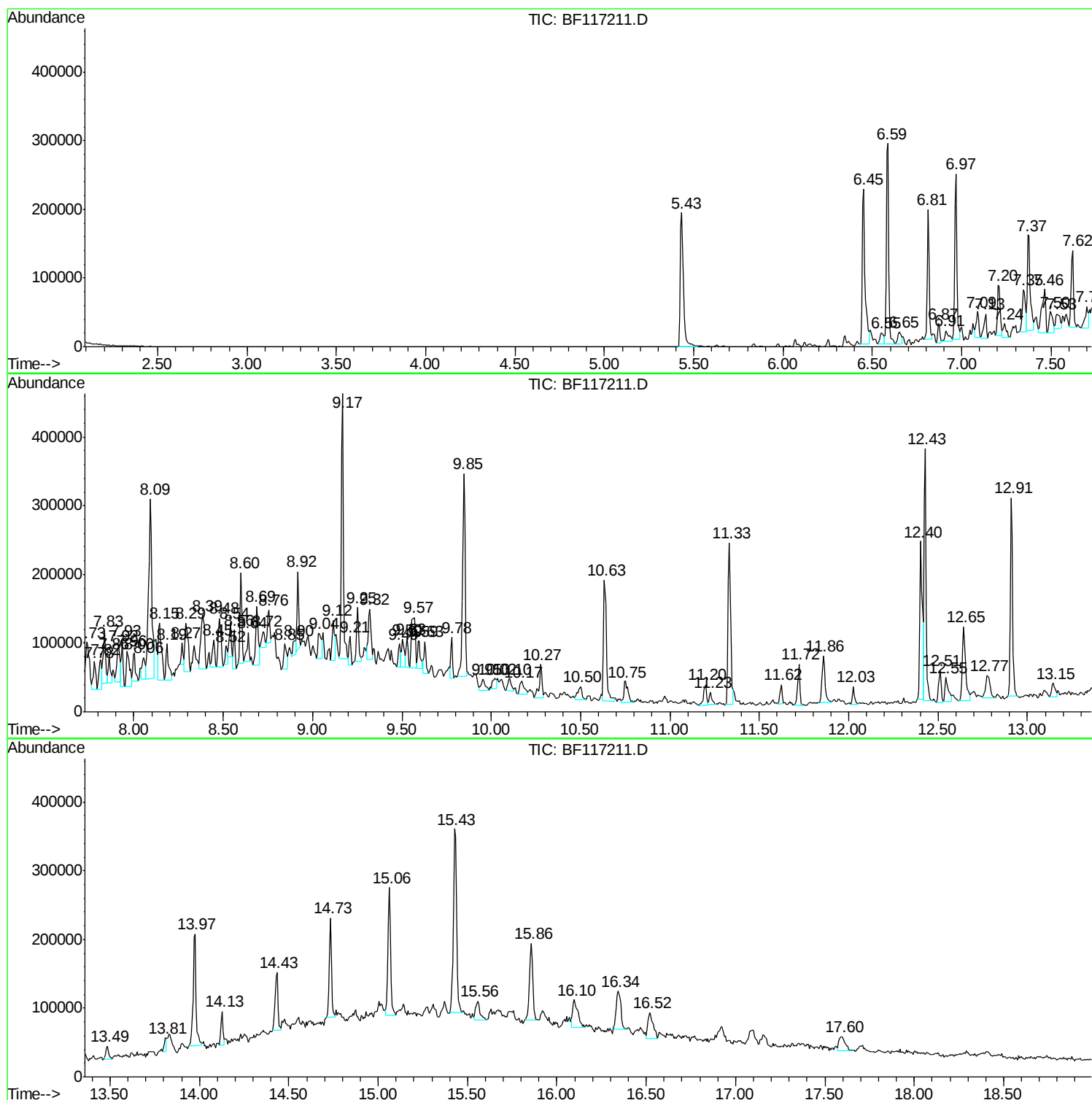
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Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.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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Instrument :
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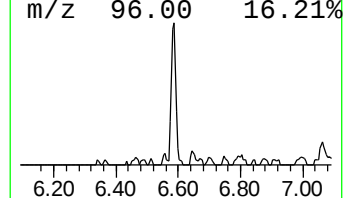
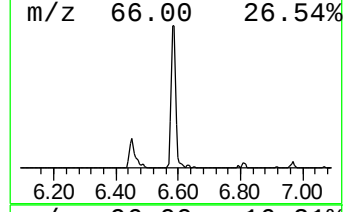
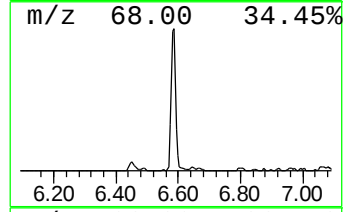
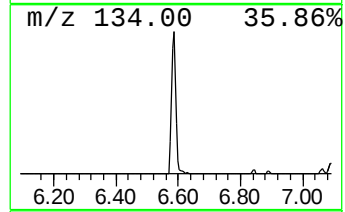
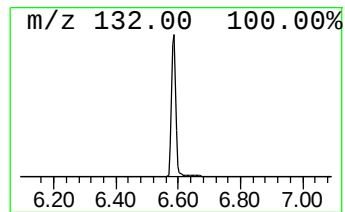
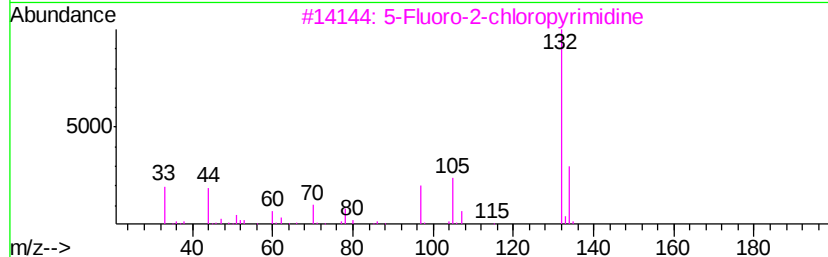
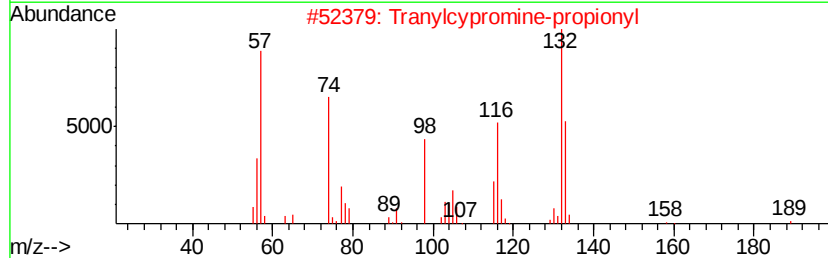
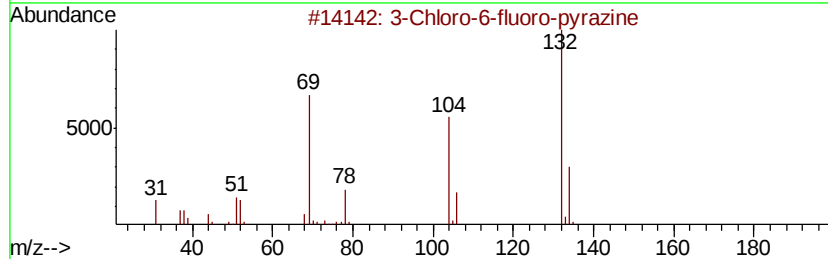
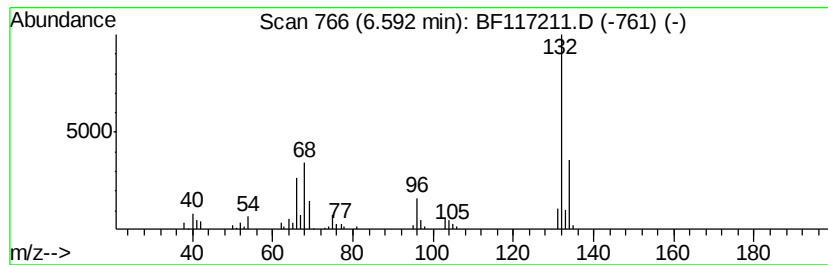
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	37.03 ng	287657	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10



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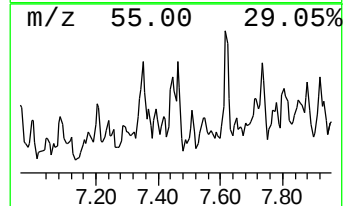
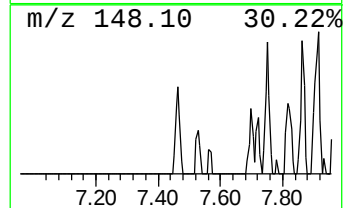
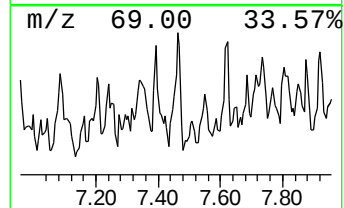
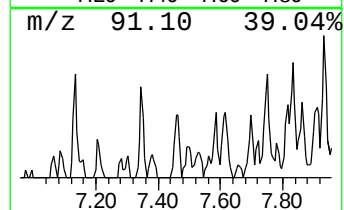
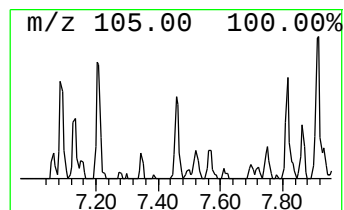
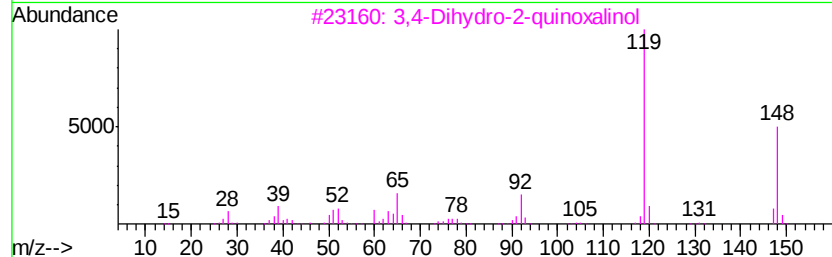
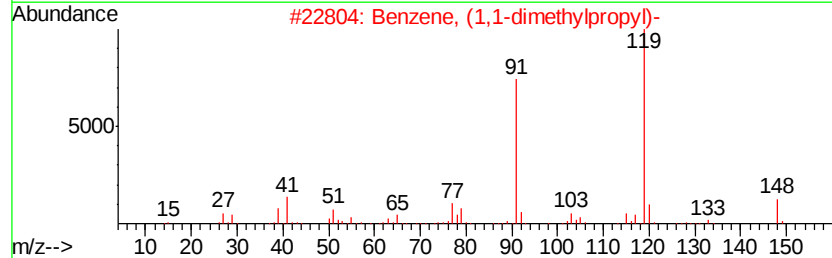
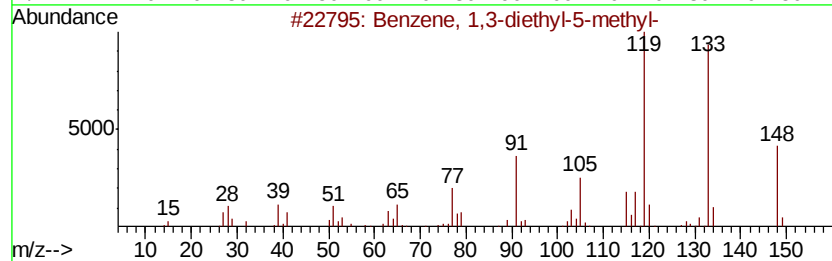
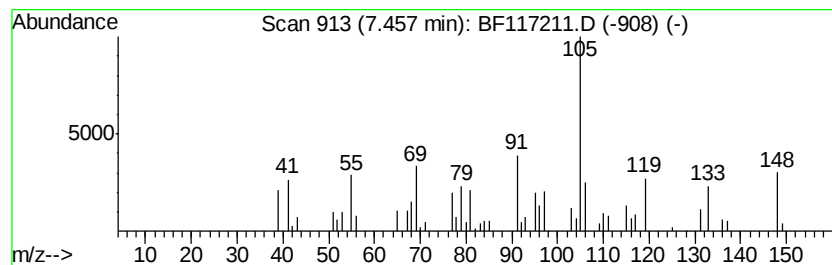
Instrument :
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ClientSampleId :
EO-01-091919

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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 3 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	5.26 ng	93510	Napthalene-d8	8.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 64
2		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 43
3		3,4-Dihydro-2-quinoxalinol	148 C8H8N2O	1000332-36-8 38
4		p-Cymene	134 C10H14	000099-87-6 35
5		Propiophenone, 2'-methyl-	148 C10H12O	002040-14-4 27



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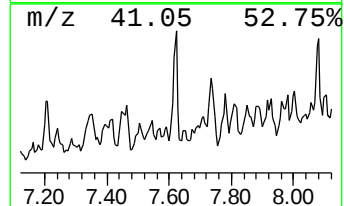
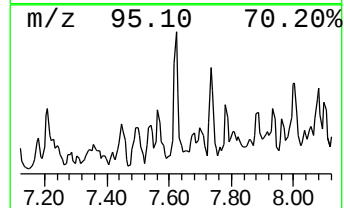
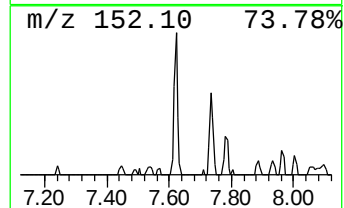
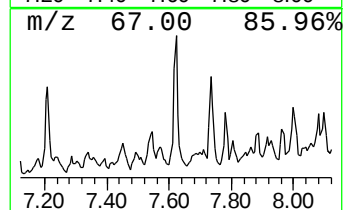
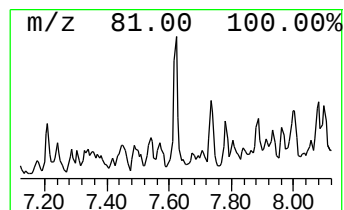
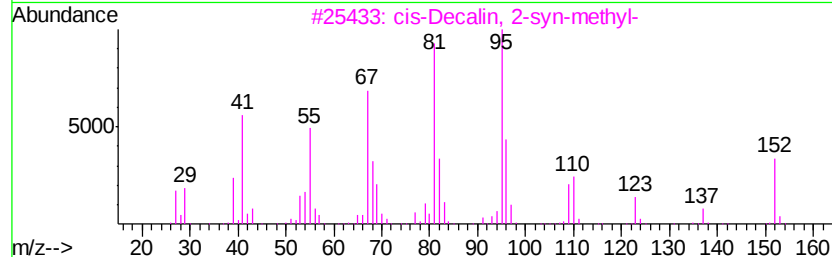
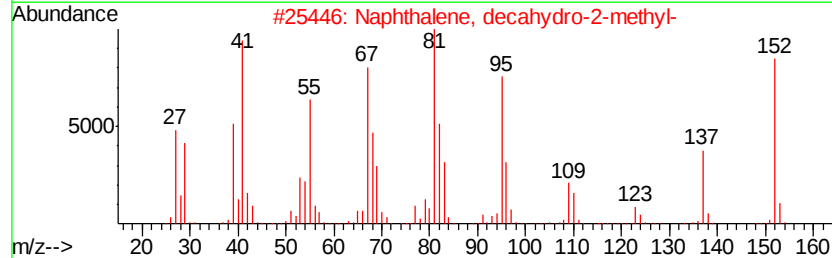
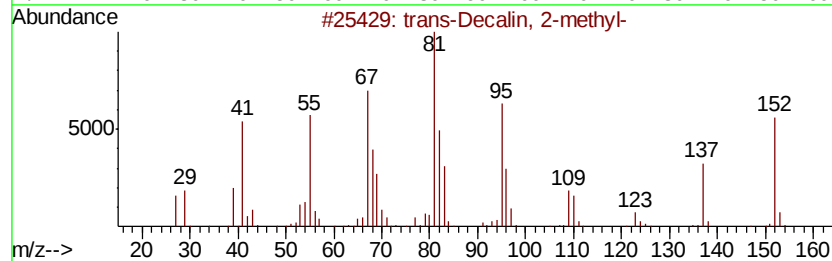
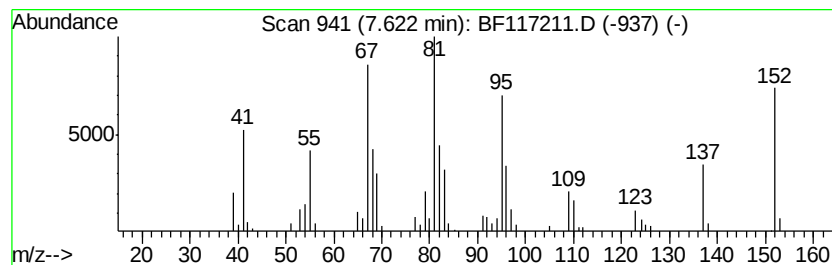
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	6.47 ng	114962	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	98
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	93
4		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
5		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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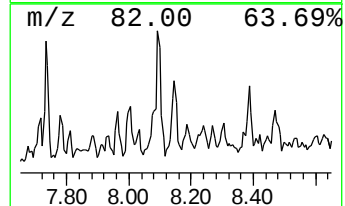
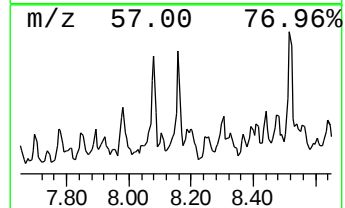
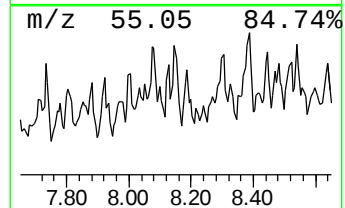
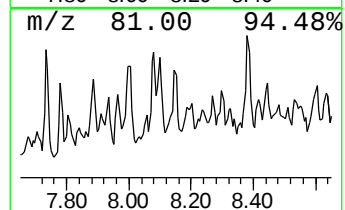
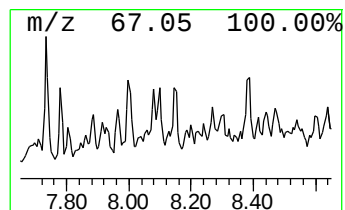
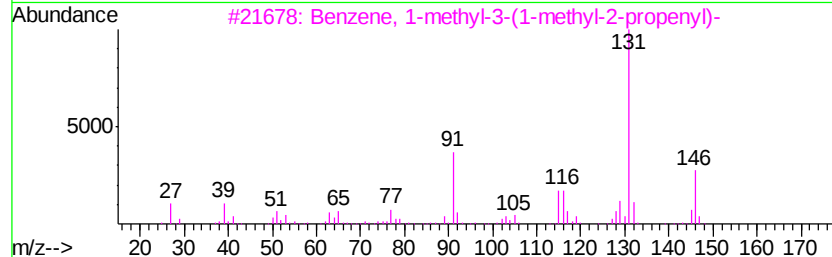
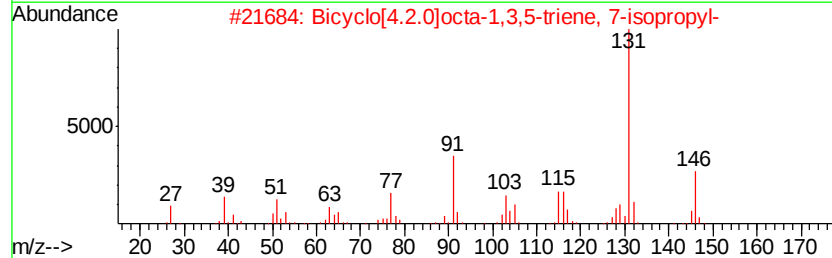
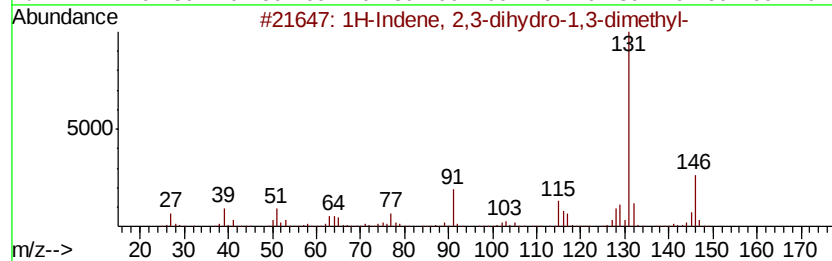
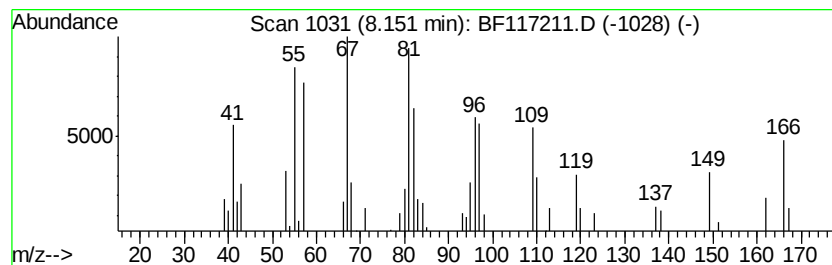
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	5.32 ng	94581	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	55
3		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
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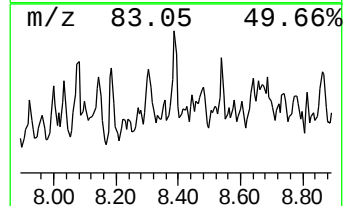
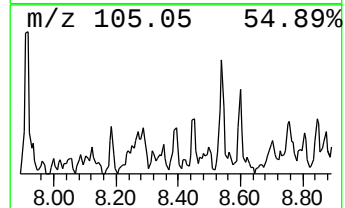
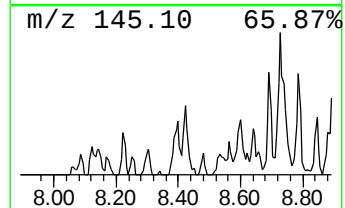
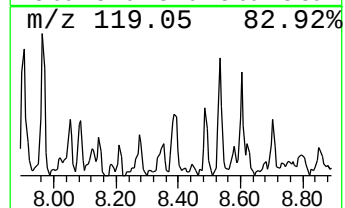
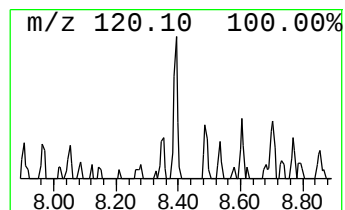
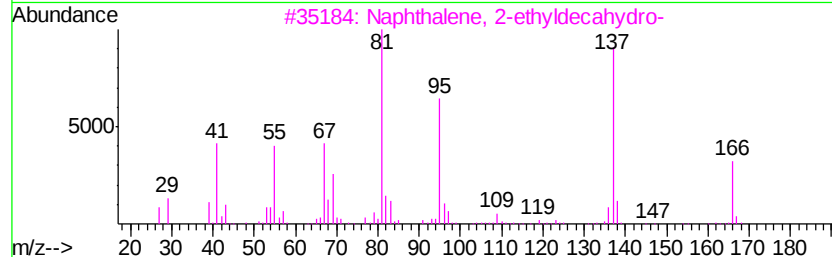
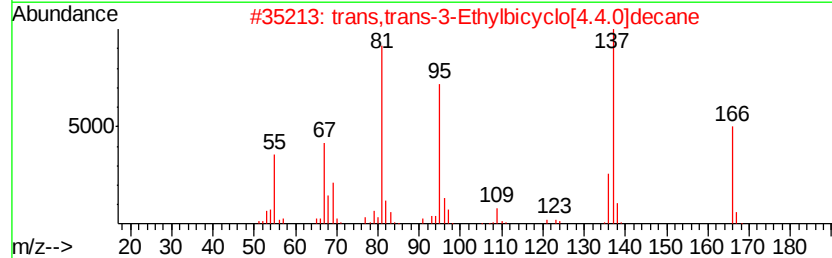
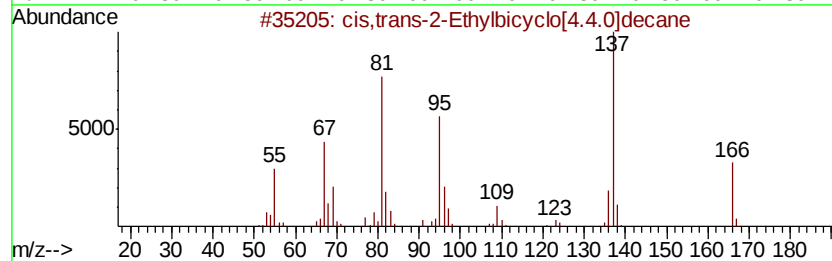
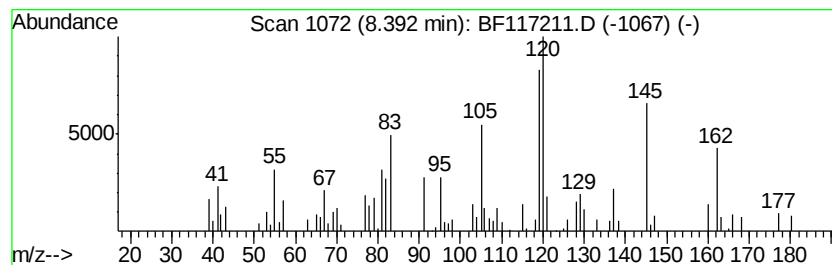
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 cis,trans-2-Ethylbicyclo[4.4.0]deca... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	5.86 ng	104117	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,trans-2-Ethylbicyclo[4.4.0]deca...	166	C12H22	066660-38-6	50
2		trans,trans-3-Ethylbicyclo[4.4.0]deca...	166	C12H22	058462-32-1	42
3		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	38
4		cis, cis-3-Ethylbicyclo[4.4.0]deca...	166	C12H22	066660-42-2	30
5		Trans, trans-2-ethylbicyclo[4.4.0]deca...	166	C12H22	066660-37-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
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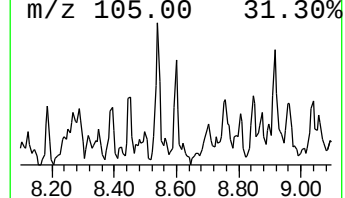
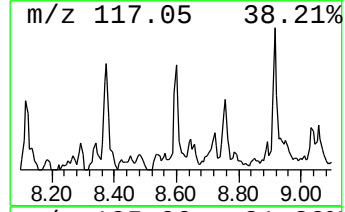
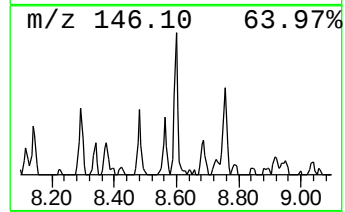
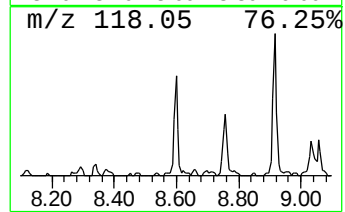
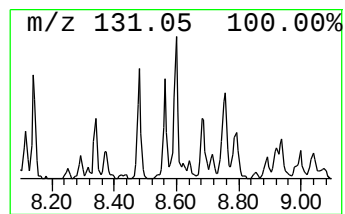
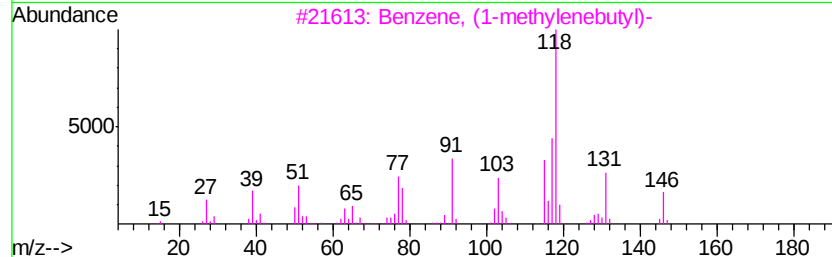
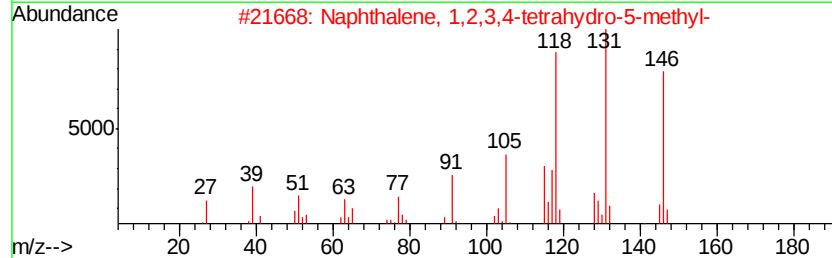
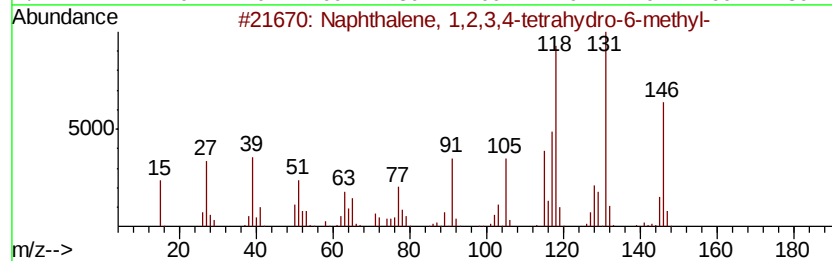
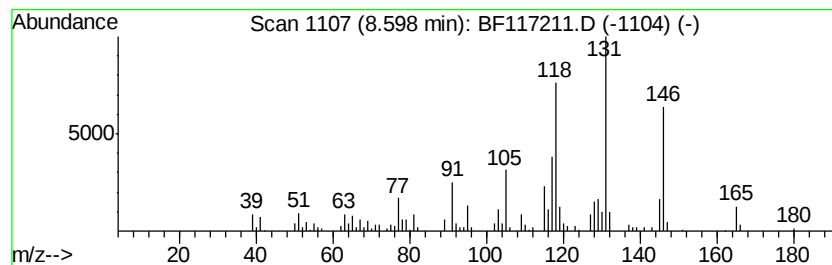
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.18 ng	109903	Naphthalene-d8	8.09

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	93
3		Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	70
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
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Instrument :
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ClientSampleId :
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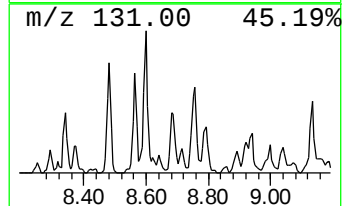
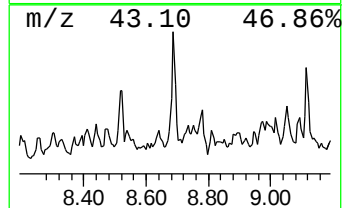
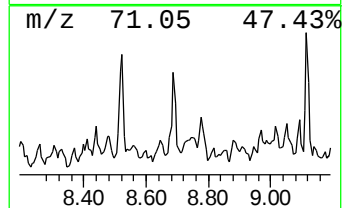
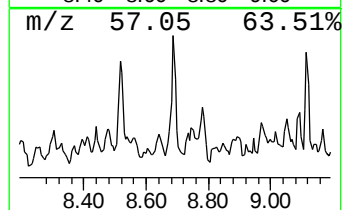
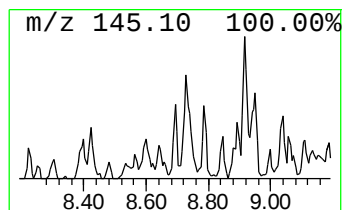
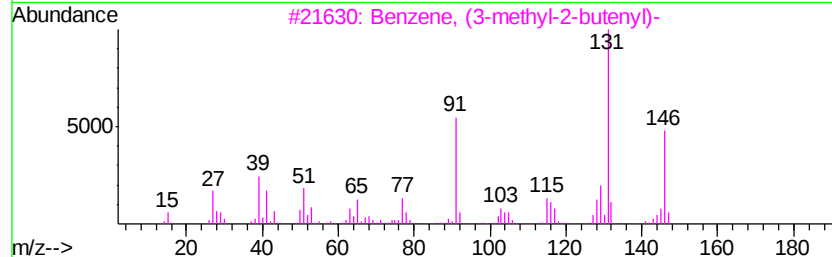
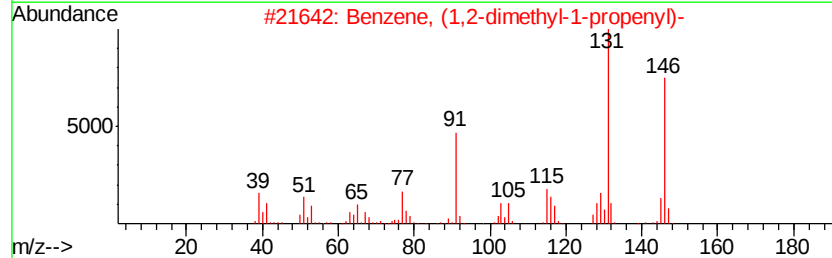
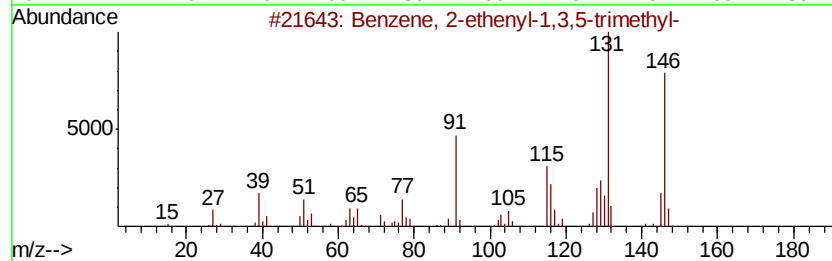
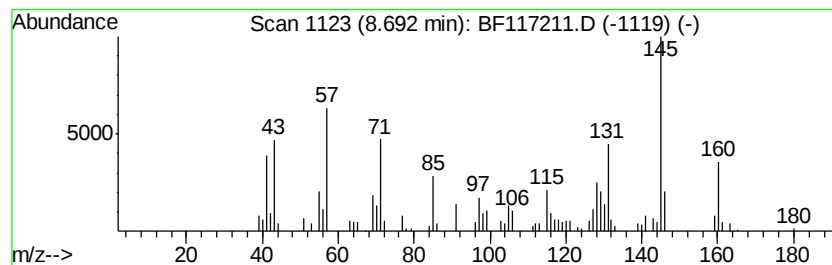
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.69 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	5.36 ng	95287	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	42
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	30
5		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
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ClientSampleId :
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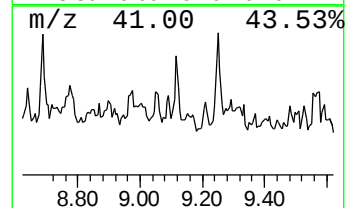
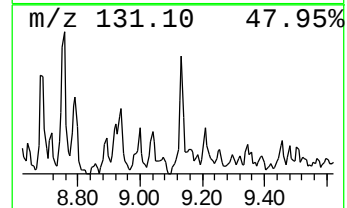
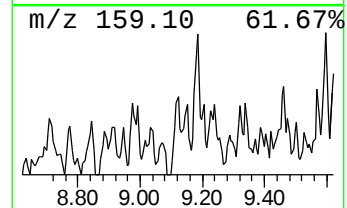
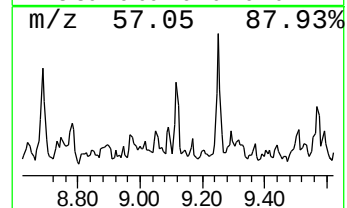
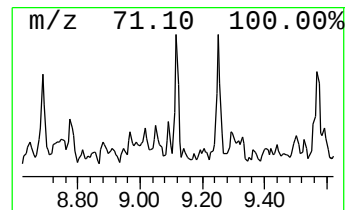
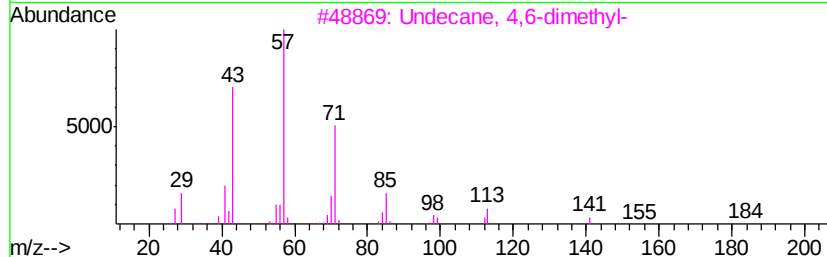
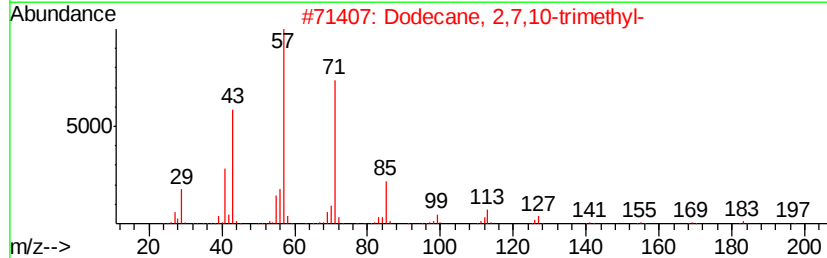
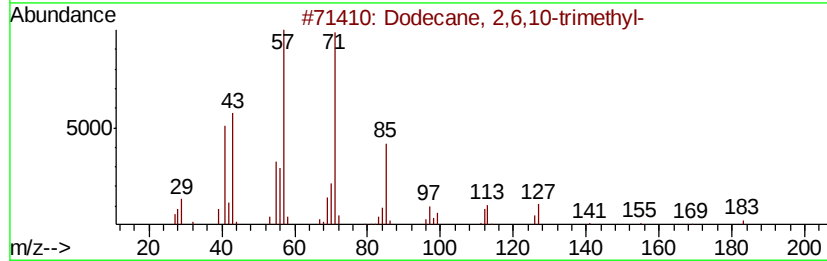
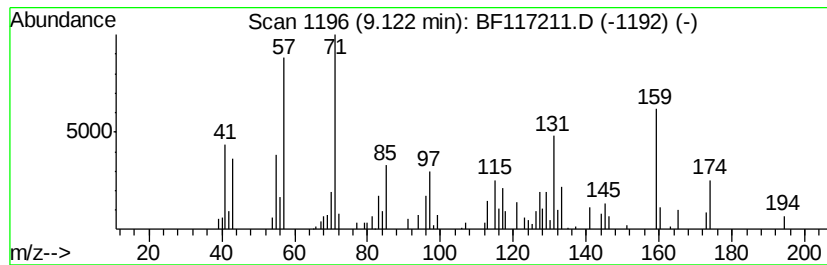
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	5.00 ng	65878	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
4		Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	43
5		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
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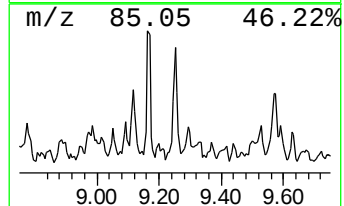
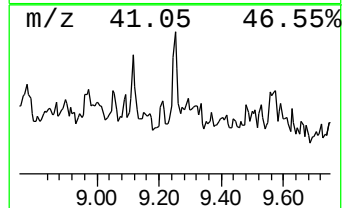
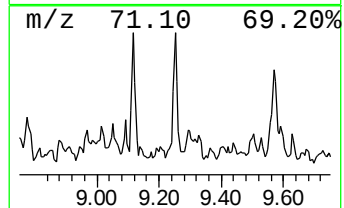
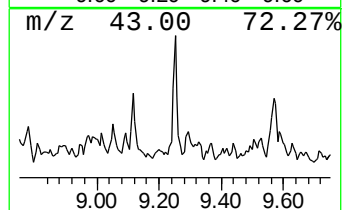
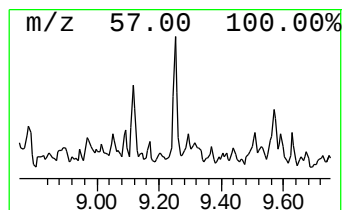
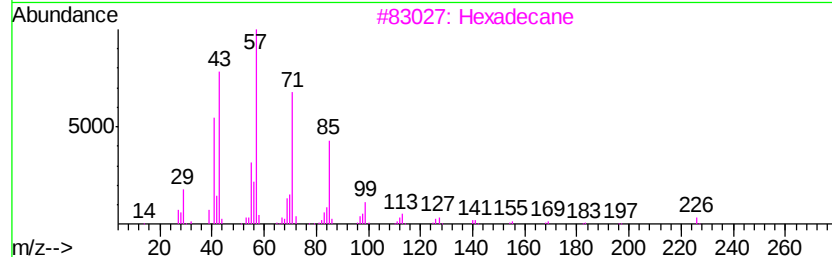
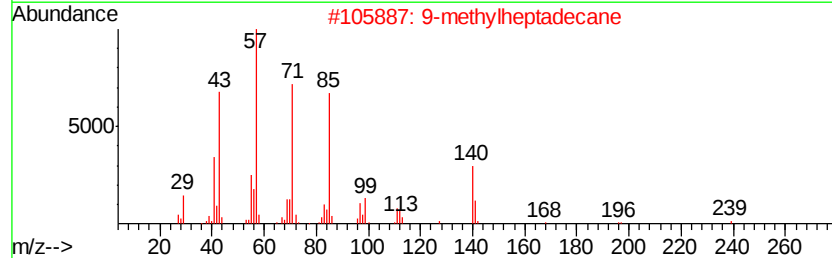
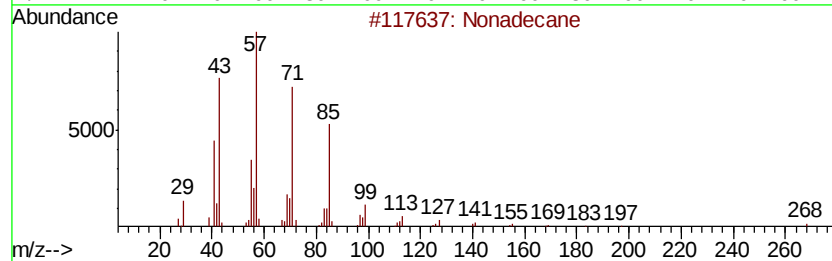
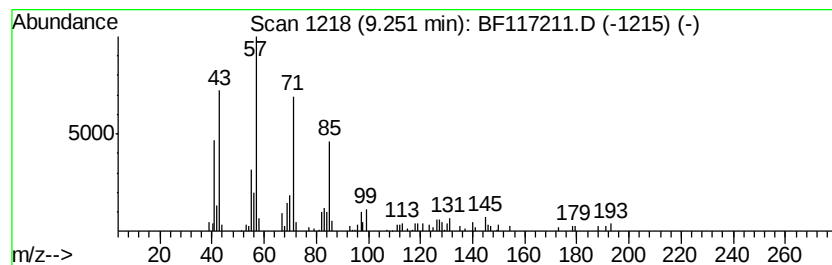
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	5.70 ng	75112	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		9-methylheptadecane	254	C18H38	026741-18-4	87
3		Hexadecane	226	C16H34	000544-76-3	83
4		Tetradecane	198	C14H30	000629-59-4	80
5		Hexatriacontane	507	C36H74	000630-06-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
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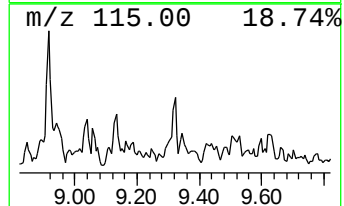
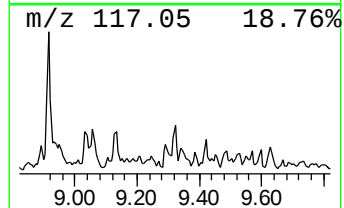
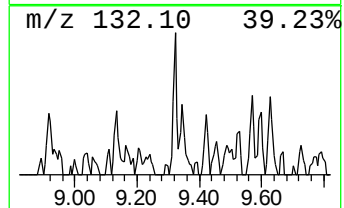
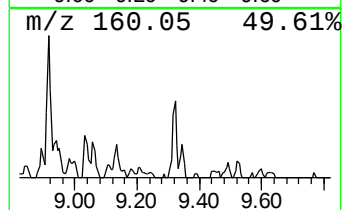
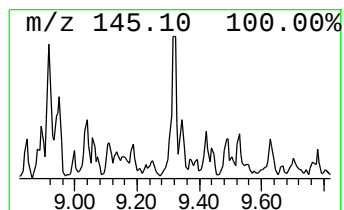
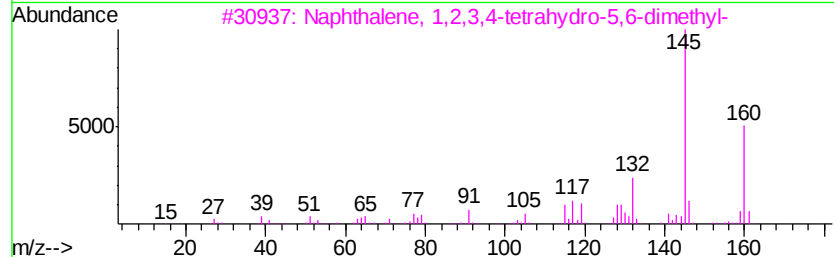
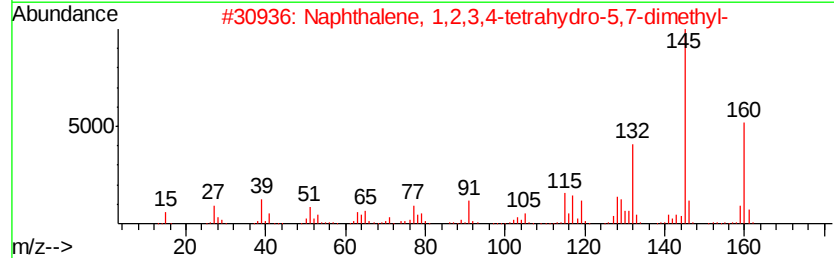
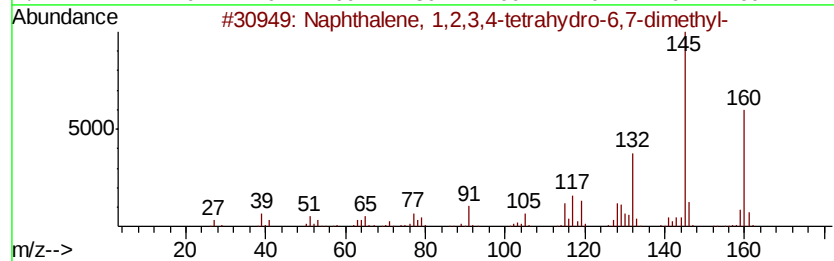
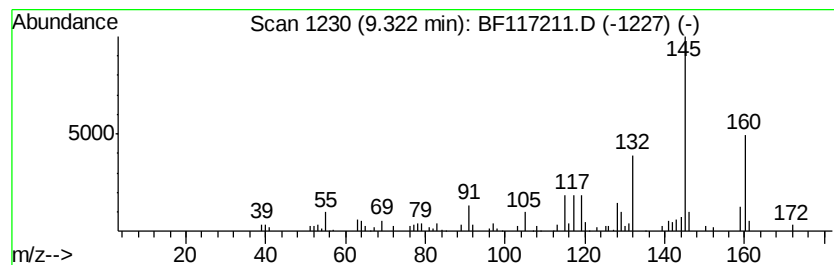
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	5.21 ng	68734	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-091919

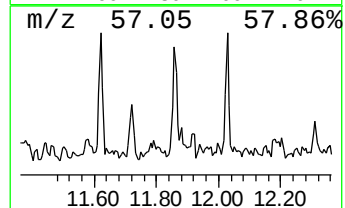
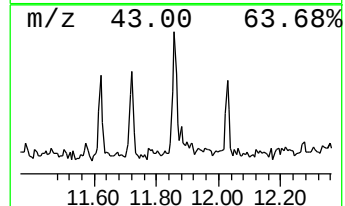
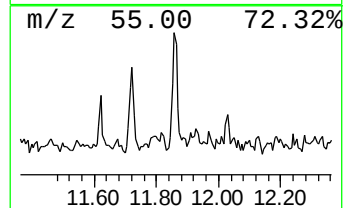
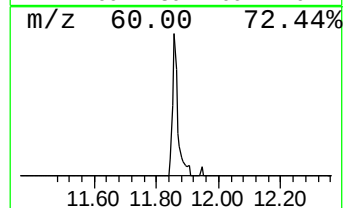
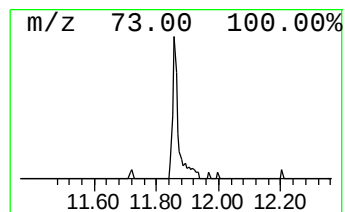
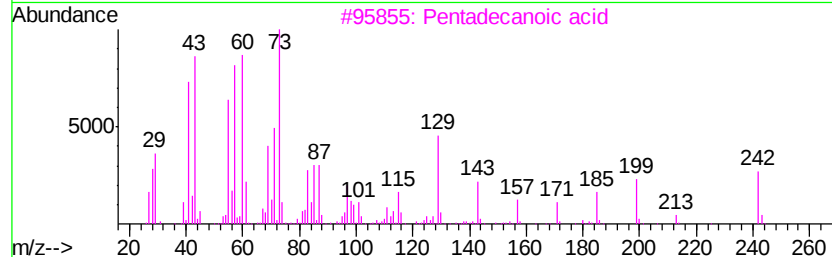
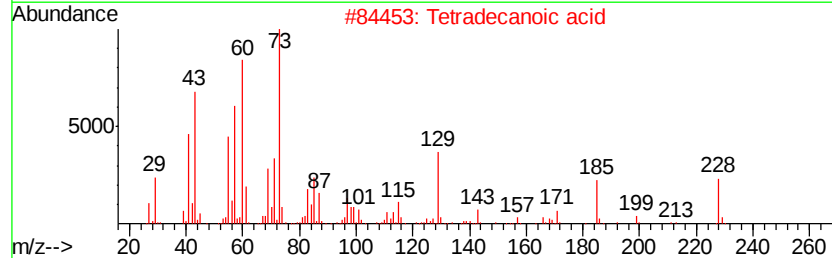
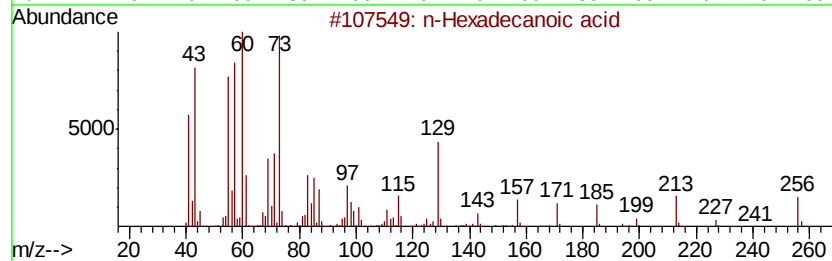
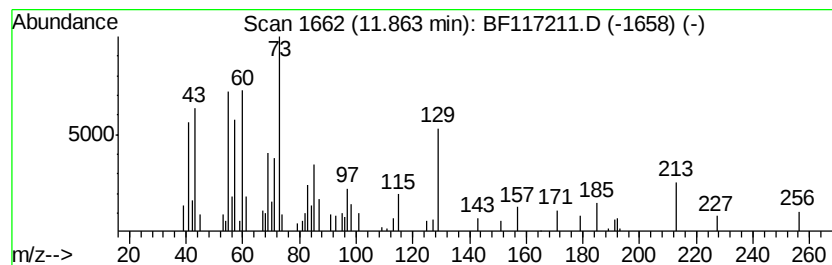
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.82 ng	74025	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-091919

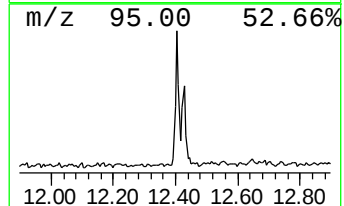
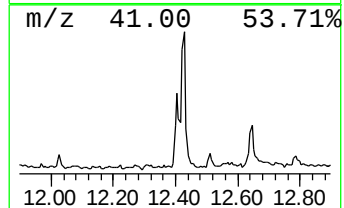
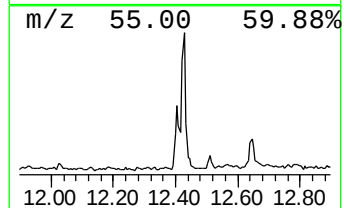
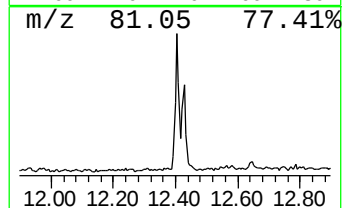
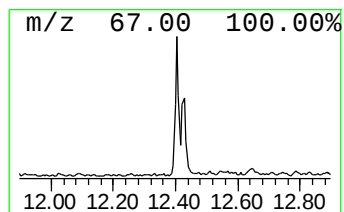
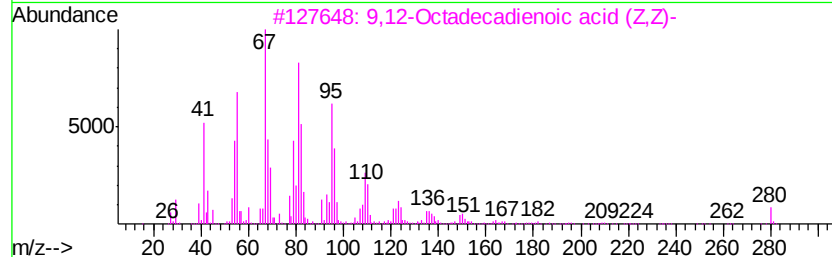
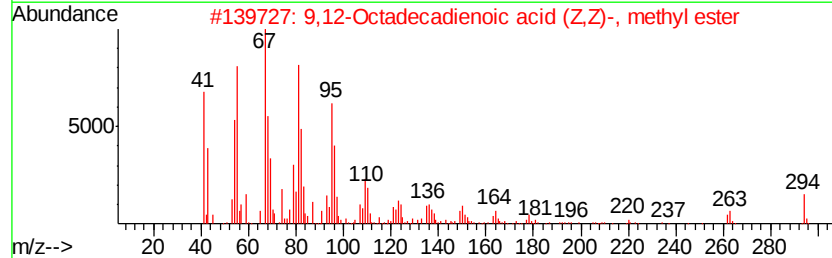
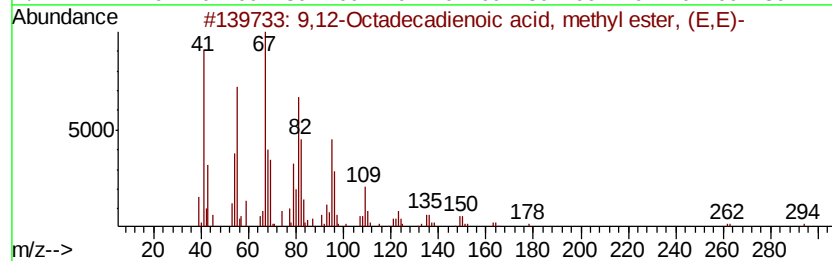
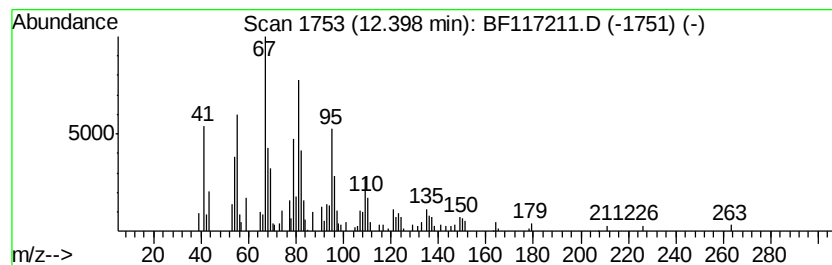
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	20.32 ng	220577	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methyl...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91
4		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	83
5		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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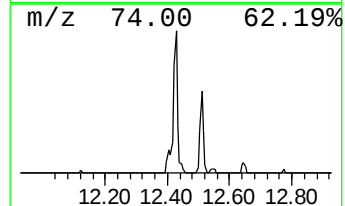
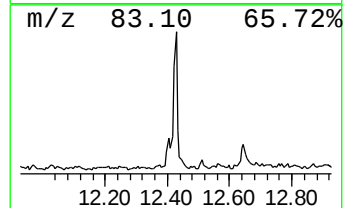
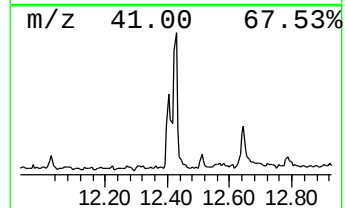
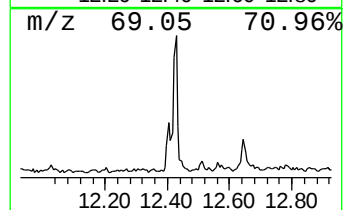
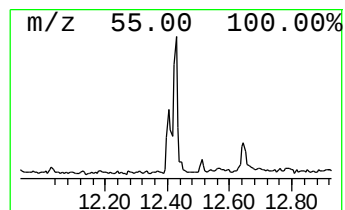
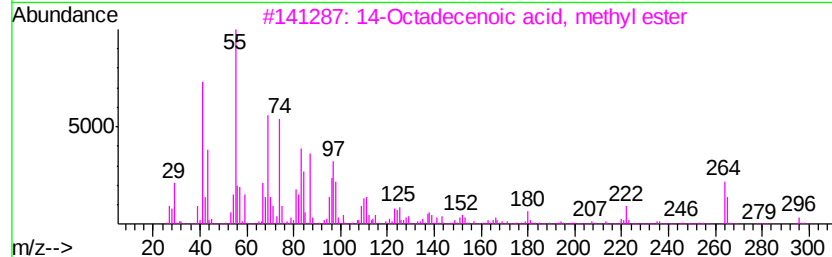
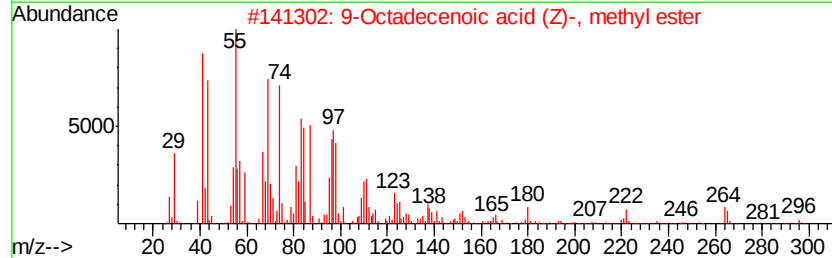
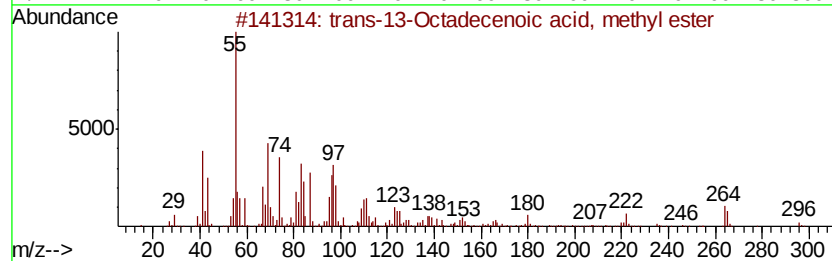
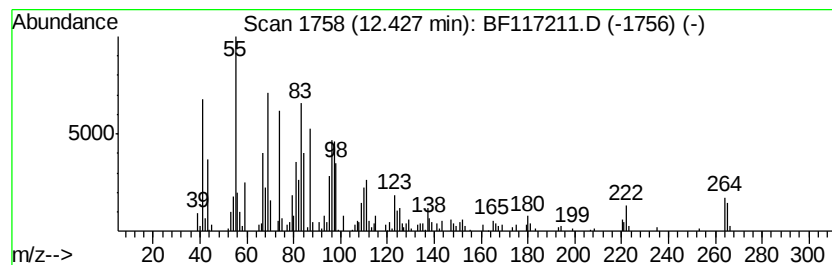
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 trans-13-Octadecenoic acid,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	28.22 ng	306399	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-091919

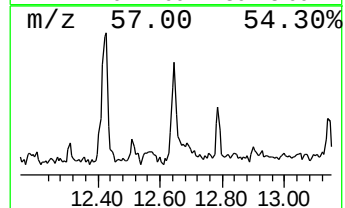
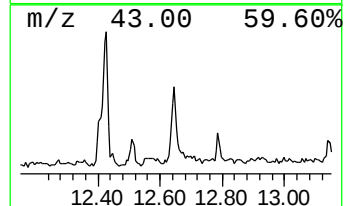
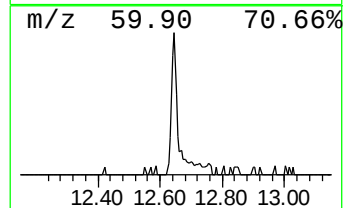
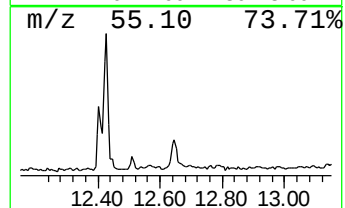
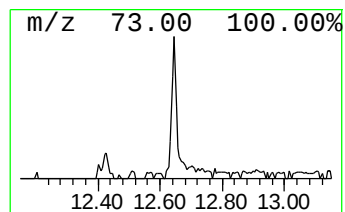
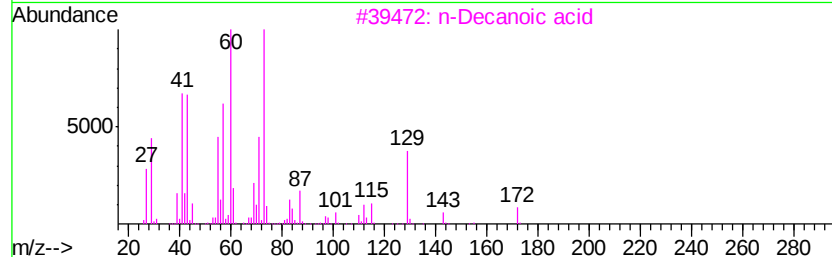
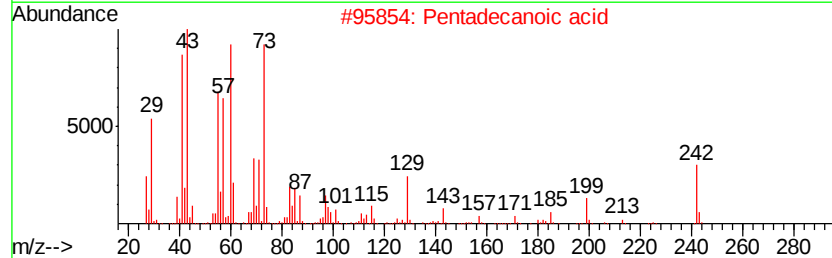
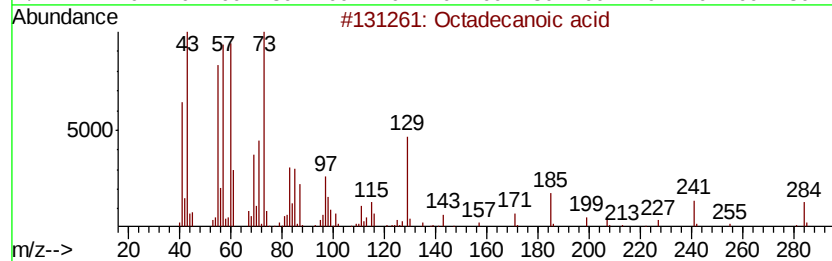
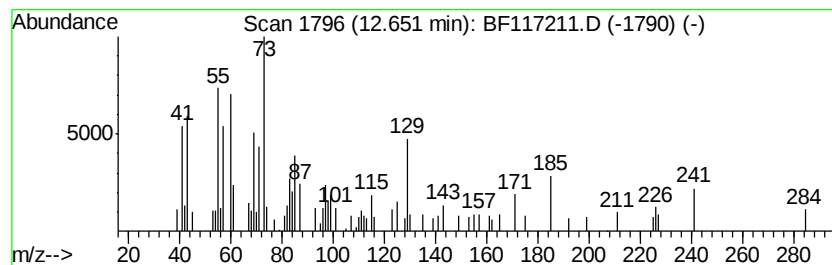
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	11.78 ng	127913	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		n-Decanoic acid	172	C10H20O2	000334-48-5	62
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		Hexadecane	226	C16H34	000544-76-3	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
 Data File : BF117211.D
 Acq On : 23 Sep 2019 18:06
 Operator : HP/JU
 Sample : K4665-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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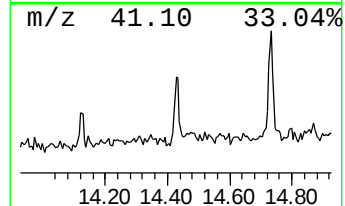
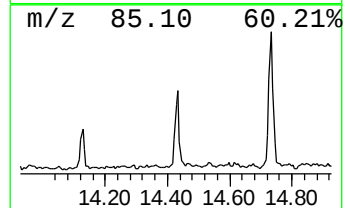
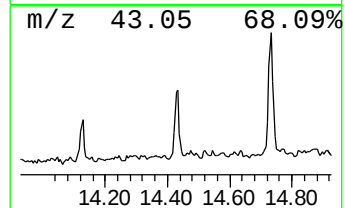
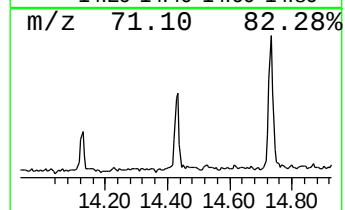
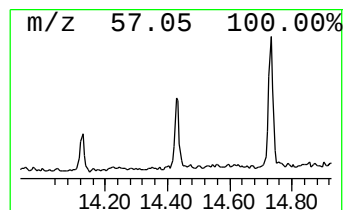
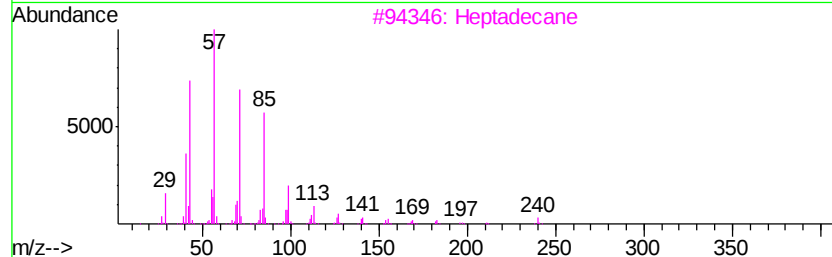
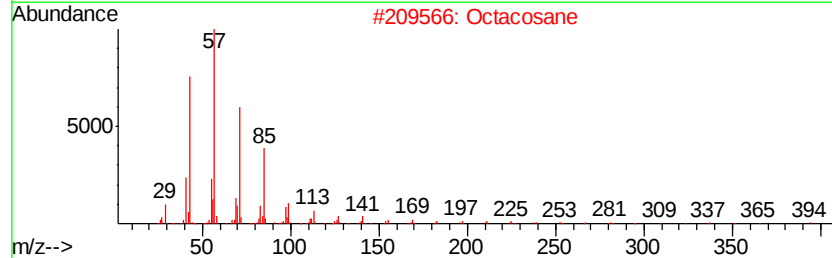
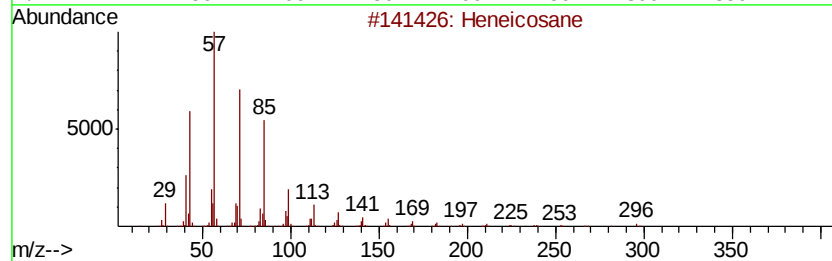
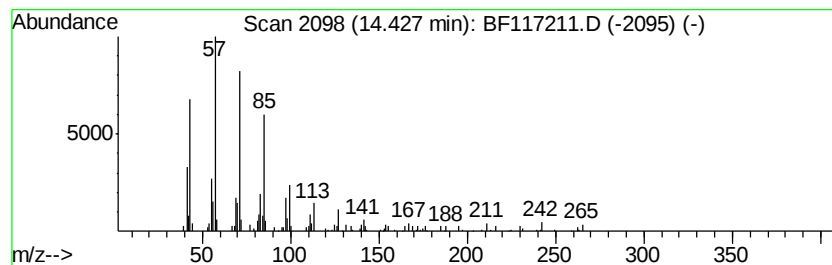
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	9.49 ng	88701	Chrysene-d12	13.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Octacosane		394	C28H58	000630-02-4	83
3	Heptadecane		240	C17H36	000629-78-7	74
4	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	72
5	Hentriacontane		437	C31H64	000630-04-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-091919

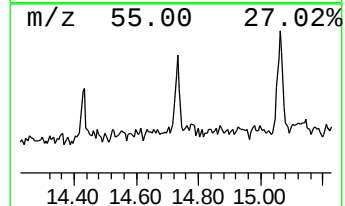
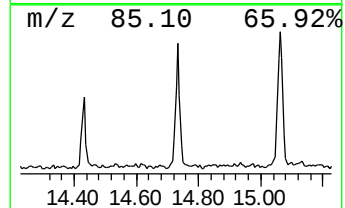
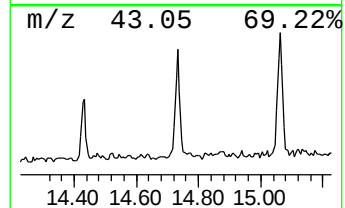
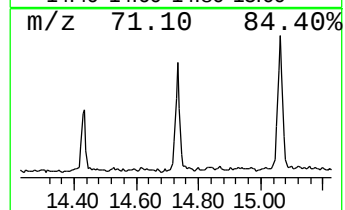
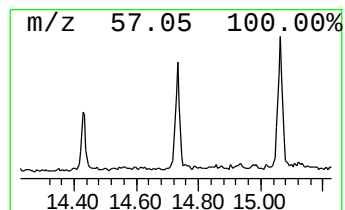
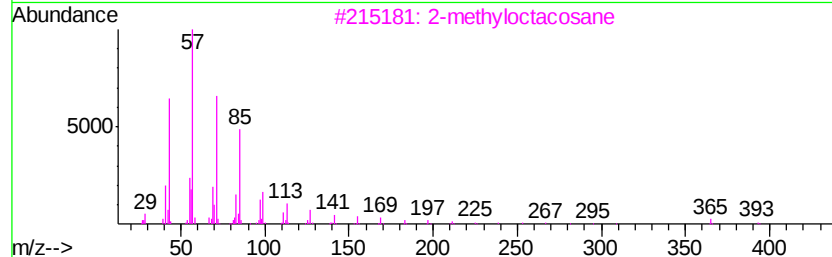
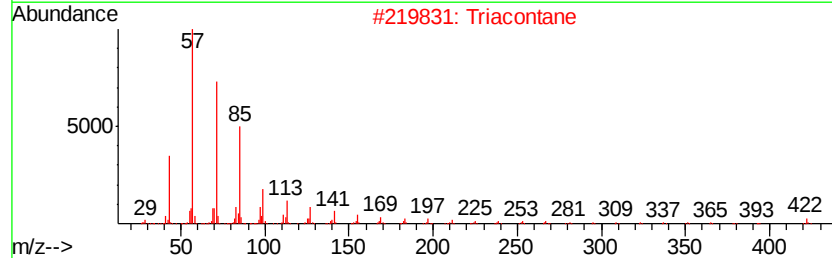
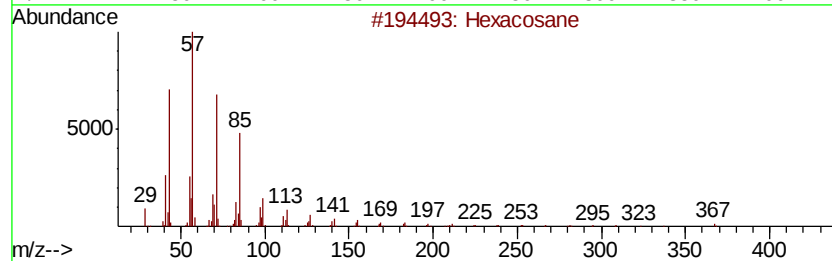
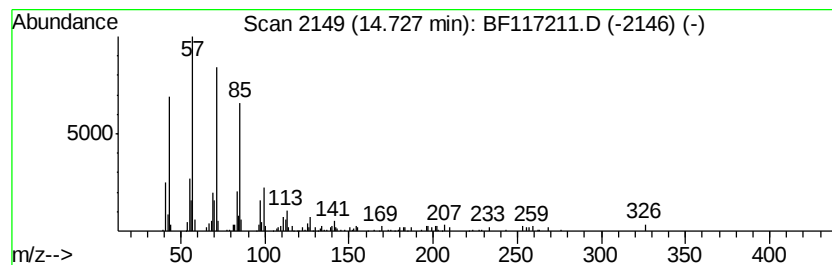
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.98 ng	143008	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Triacontane	422	C30H62	000638-68-6	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

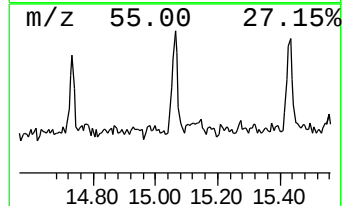
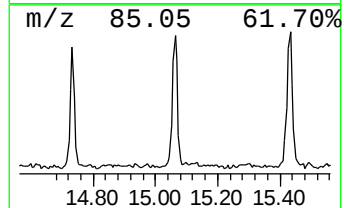
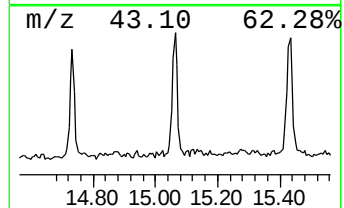
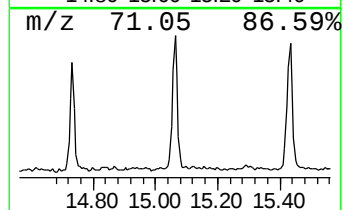
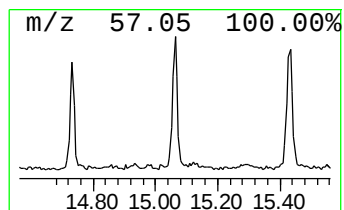
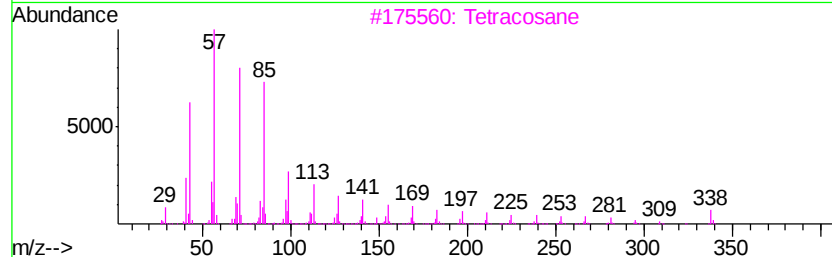
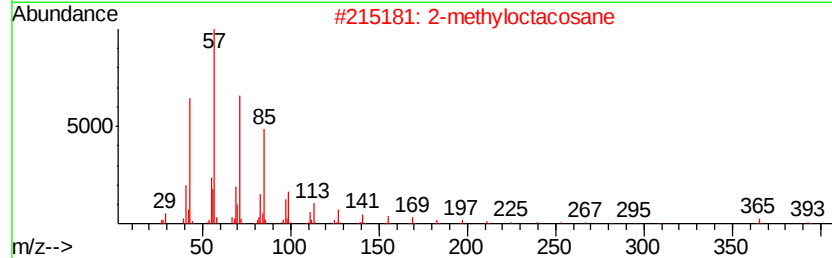
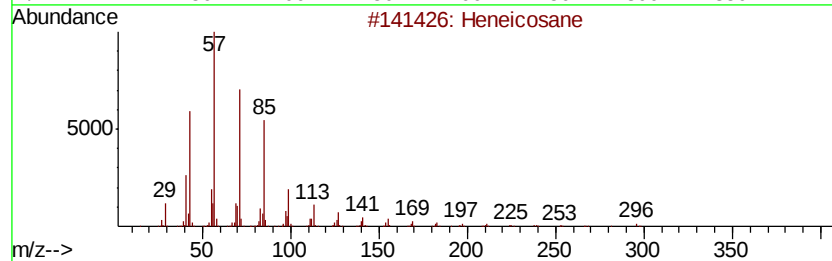
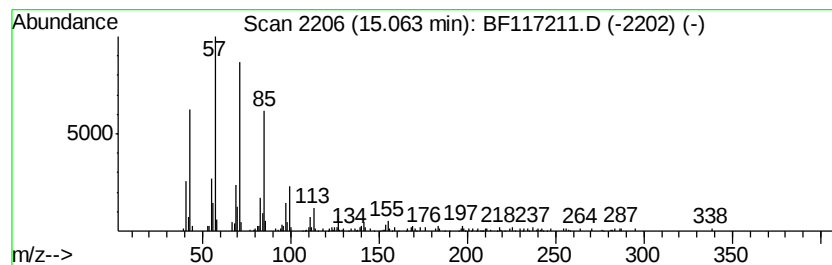
Instrument :
BNA_F
ClientSampleId :
EO-01-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.06	12.04 ng	215829	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-091919

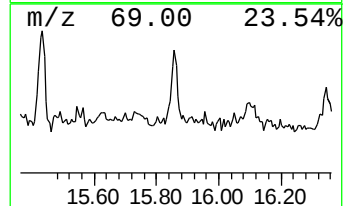
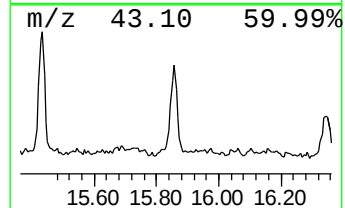
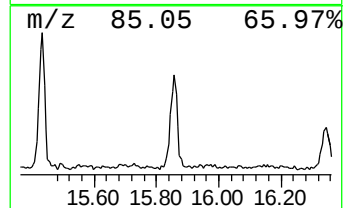
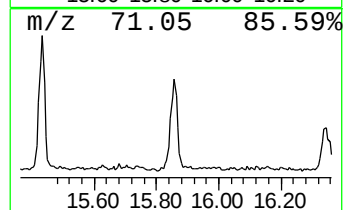
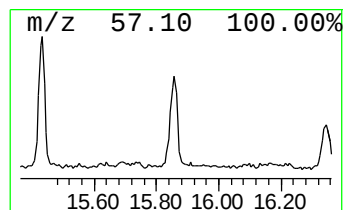
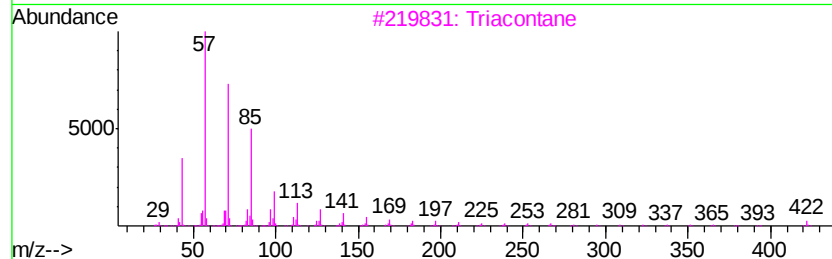
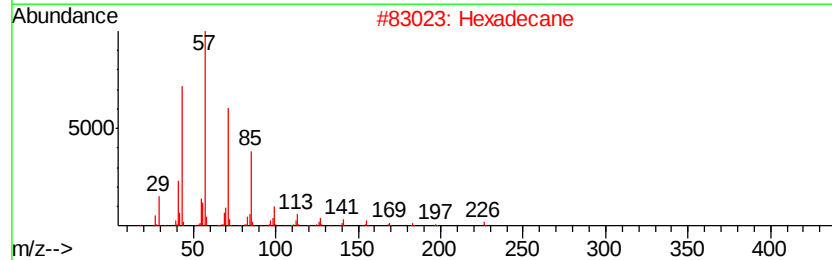
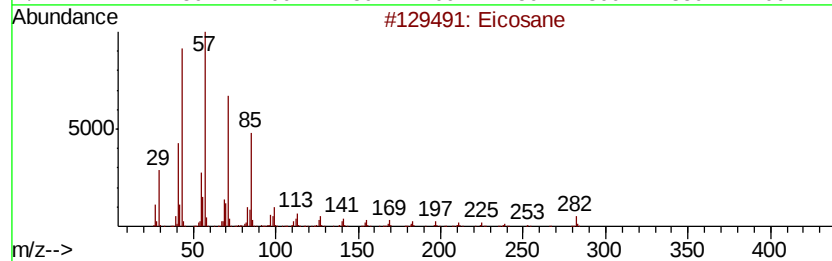
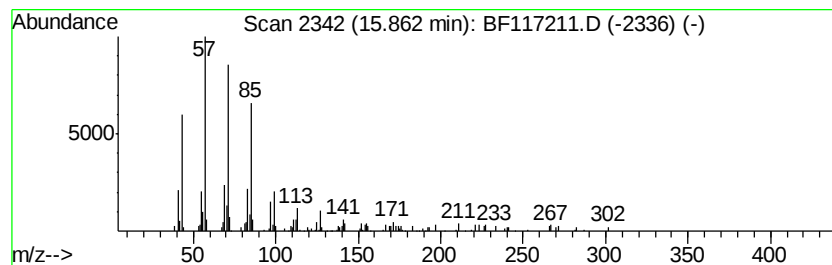
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	8.73 ng	156454	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117211.D
Acq On : 23 Sep 2019 18:06
Operator : HP/JU
Sample : K4665-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-091919

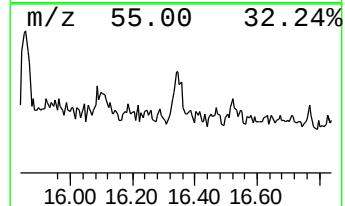
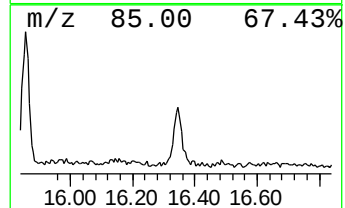
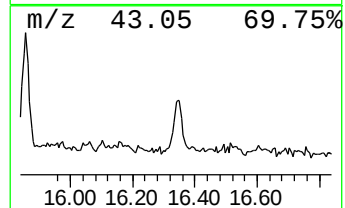
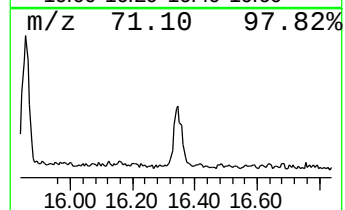
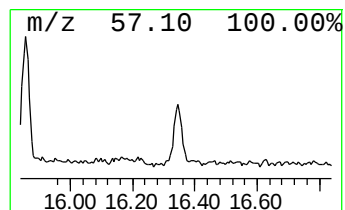
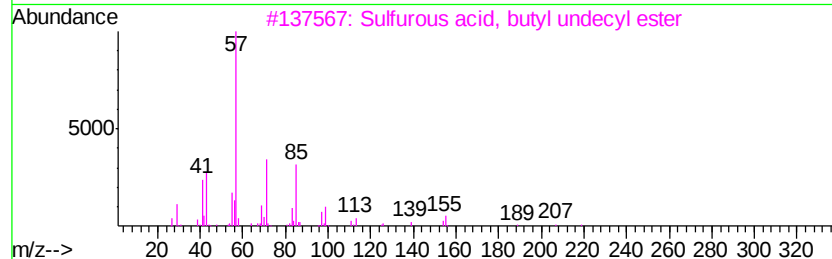
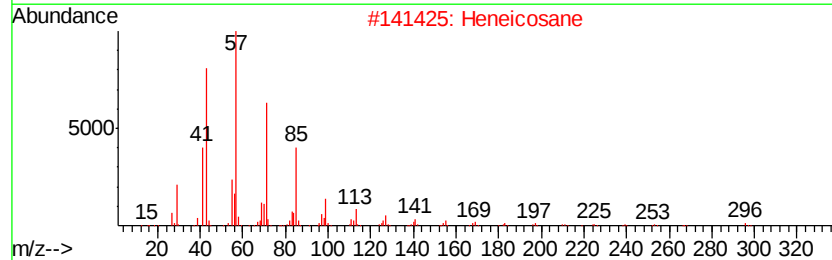
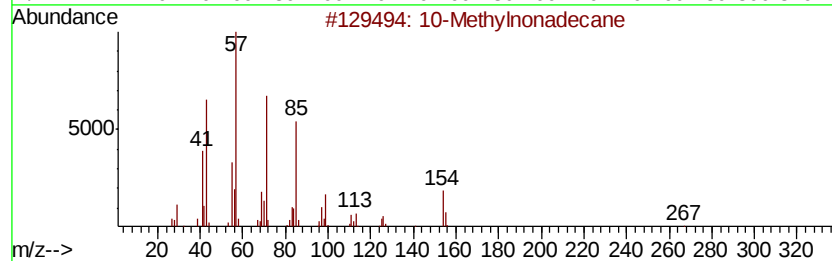
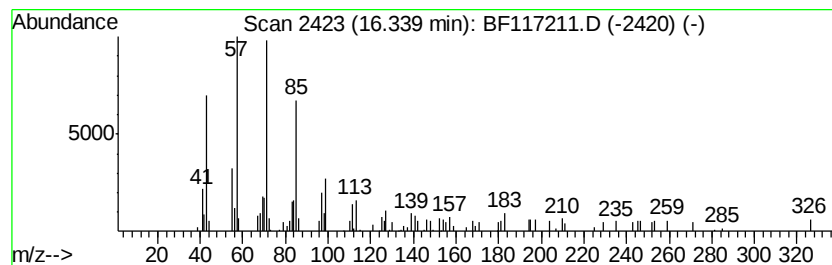
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 10-Methylnonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	5.27 ng	94403	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	74
2		Heneicosane	296	C21H44	000629-94-7	72
3		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092319\
 Data File : BF117211.D
 Acq On : 23 Sep 2019 18:06
 Operator : HP/JU
 Sample : K4665-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
unknown6.59	6.59	37.0	ng	287657	1	6.81	155383	20.0
Benzene, 1,3-diet...	7.46	5.3	ng	93510	2	8.09	355521	20.0
trans-Decalin, 2-...	7.62	6.5	ng	114962	2	8.09	355521	20.0
1H-Indene, 2,3-di...	8.15	5.3	ng	94581	2	8.09	355521	20.0
cis,trans-2-Ethyl...	8.39	5.9	ng	104117	2	8.09	355521	20.0
Naphthalene, 1,2,...	8.60	6.2	ng	109903	2	8.09	355521	20.0
unknown8.69	8.69	5.4	ng	95287	2	8.09	355521	20.0
unknown9.12	9.12	5.0	ng	65878	3	9.85	263701	20.0
Nonadecane	9.25	5.7	ng	75112	3	9.85	263701	20.0
Naphthalene, 1,2,...	9.32	5.2	ng	68734	3	9.85	263701	20.0
n-Hexadecanoic acid	11.86	6.8	ng	74025	4	11.33	217138	20.0
9,12-Octadecadien...	12.40	20.3	ng	220577	4	11.33	217138	20.0
trans-13-Octadece...	12.43	28.2	ng	306399	4	11.33	217138	20.0
Octadecanoic acid	12.65	11.8	ng	127913	4	11.33	217138	20.0
Heneicosane	14.43	9.5	ng	88701	5	13.97	187002	20.0
Hexacosane	14.73	8.0	ng	143008	6	15.43	358471	20.0
2-methyloctacosane	15.06	12.0	ng	215829	6	15.43	358471	20.0
Eicosane	15.86	8.7	ng	156454	6	15.43	358471	20.0
10-Methylnonadecane	16.34	5.3	ng	94403	6	15.43	358471	20.0