

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018538.D
 Acq On : 11 Jan 2019 17:21
 Operator : JU/SJ
 Sample : K1119-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-B

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_M\METHODS\8270-BM010919.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	5.346	377	384	393	rBV	1460700	2358412	32.10%	1.606%
2	6.928	642	653	666	rVB	1598949	2848465	38.77%	1.940%
3	7.287	707	714	721	rBV	1691008	2755717	37.51%	1.876%
4	7.357	721	726	729	rVV	329004	462588	6.30%	0.315%
5	7.757	789	794	807	rVB	473723	917386	12.49%	0.625%
6	8.075	842	848	854	rVB	1284265	2042043	27.80%	1.391%
7	8.387	894	901	906	rBV3	356161	628438	8.55%	0.428%
8	8.845	974	979	985	rVV3	275483	494873	6.74%	0.337%
9	8.922	985	992	995	rVV	1072676	1903968	25.92%	1.296%
10	8.957	995	998	1008	rVB	1015346	1451561	19.76%	0.988%
11	9.092	1015	1021	1028	rVB3	188721	423788	5.77%	0.289%
12	9.186	1028	1037	1044	rBV6	143493	454510	6.19%	0.309%
13	9.792	1135	1140	1148	rVB4	289447	687101	9.35%	0.468%
14	9.875	1148	1154	1160	rBV3	202160	479809	6.53%	0.327%
15	9.945	1160	1166	1172	rVV4	537019	1014233	13.81%	0.691%
16	10.116	1188	1195	1200	rVB4	169808	374496	5.10%	0.255%
17	10.175	1200	1205	1211	rVB	287668	481651	6.56%	0.328%
18	10.239	1211	1216	1223	rVB2	183170	336411	4.58%	0.229%
19	10.498	1255	1260	1265	rBV2	1626430	2677715	36.45%	1.823%
20	10.545	1265	1268	1273	rVV	626730	989865	13.47%	0.674%
21	10.598	1274	1277	1282	rVB4	227380	347856	4.74%	0.237%
22	10.657	1282	1287	1288	rBV	214354	337786	4.60%	0.230%
23	10.681	1288	1291	1297	rVB2	506660	762418	10.38%	0.519%
24	10.751	1298	1303	1310	rBV3	234090	451367	6.14%	0.307%
25	11.010	1342	1347	1353	rVB2	457182	794336	10.81%	0.541%
26	11.375	1402	1409	1415	rVB4	327788	817797	11.13%	0.557%
27	11.445	1415	1421	1428	rBV3	567749	1179081	16.05%	0.803%
28	11.545	1434	1438	1442	rVV	603062	934267	12.72%	0.636%
29	11.586	1442	1445	1450	rVV4	205374	360533	4.91%	0.245%
30	11.645	1451	1455	1460	rVB	242395	402248	5.48%	0.274%
31	11.733	1464	1470	1477	rVB2	936597	1580747	21.52%	1.076%
32	11.951	1498	1507	1513	rBV	2370775	3840564	52.28%	2.615%
33	12.092	1527	1531	1537	rVB2	518106	782224	10.65%	0.533%
34	12.169	1537	1544	1548	rVV4	309714	671273	9.14%	0.457%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.216	1548	1552	1560	rVB2	305468	556052	7.57%	0.379%
36	12.463	1587	1594	1599	rVV3	894351	1556790	21.19%	1.060%
37	12.592	1611	1616	1620	rBV5	363837	643459	8.76%	0.438%
38	12.645	1620	1625	1631	rVB5	237172	494778	6.74%	0.337%
39	12.774	1643	1647	1651	rVB	657336	852050	11.60%	0.580%
40	12.863	1658	1662	1665	rBV2	414396	630685	8.59%	0.429%
41	12.910	1667	1670	1674	rVV	601577	945930	12.88%	0.644%
42	13.016	1684	1688	1696	rVV	2595095	3874943	52.75%	2.639%
43	13.092	1697	1701	1706	rVB5	231819	431921	5.88%	0.294%
44	13.210	1710	1721	1728	rVV	2805891	4492820	61.16%	3.059%
45	13.286	1729	1734	1738	rVV2	400520	827930	11.27%	0.564%
46	13.339	1738	1743	1746	rVV	648873	1072230	14.60%	0.730%
47	13.669	1795	1799	1802	rBV4	263653	482943	6.57%	0.329%
48	13.774	1814	1817	1820	rVB3	541630	658695	8.97%	0.449%
49	13.863	1826	1832	1836	rVB3	1634567	2677287	36.44%	1.823%
50	13.910	1836	1840	1845	rVB3	895168	1323326	18.01%	0.901%
51	13.980	1845	1852	1858	rVB5	660278	1402351	19.09%	0.955%
52	14.221	1890	1893	1899	rVB5	221576	381520	5.19%	0.260%
53	14.286	1899	1904	1911	rBV	3802057	4828388	65.72%	3.288%
54	14.357	1912	1916	1919	rBV5	420265	782754	10.65%	0.533%
55	14.404	1920	1924	1930	rVB2	1130549	1781110	24.24%	1.213%
56	14.616	1956	1960	1966	rVB5	320840	626531	8.53%	0.427%
57	14.733	1975	1980	1981	rBV3	352720	549224	7.48%	0.374%
58	14.904	2006	2009	2015	rVV4	734530	1246879	16.97%	0.849%
59	15.021	2025	2029	2031	rBV3	269412	403036	5.49%	0.274%
60	15.045	2031	2033	2040	rVB5	284195	423726	5.77%	0.289%
61	15.239	2061	2066	2071	rVB	4192261	5092314	69.32%	3.468%
62	15.339	2080	2083	2094	rVB8	292967	736819	10.03%	0.502%
63	15.486	2105	2108	2114	rBV6	203692	399220	5.43%	0.272%
64	15.645	2128	2135	2140	rBV	1076829	2021946	27.52%	1.377%
65	15.739	2148	2151	2157	rVB2	435518	597953	8.14%	0.407%
66	15.798	2157	2161	2168	rBV2	416099	789837	10.75%	0.538%
67	15.863	2168	2172	2174	rVV2	606256	780933	10.63%	0.532%
68	15.898	2174	2178	2184	rVB	2369612	3186334	43.37%	2.170%
69	16.104	2208	2213	2221	rBV	4399705	7346357	100.00%	5.002%
70	16.445	2267	2271	2274	rBV3	412490	618695	8.42%	0.421%
71	16.510	2279	2282	2287	rVV3	532169	695877	9.47%	0.474%

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72	16.562	2288	2291	2294	rVV2	295938	365386	4.97%	0.249%
73	16.610	2297	2299	2303	rVB	401941	426506	5.81%	0.290%
74	16.898	2343	2348	2352	rBV	3903678	4641305	63.18%	3.160%
75	16.945	2352	2356	2360	rVB	1251746	1738745	23.67%	1.184%
76	17.151	2386	2391	2396	rBV	1493221	2334615	31.78%	1.590%
77	17.368	2425	2428	2435	rVB2	412705	591789	8.06%	0.403%
78	17.433	2436	2439	2444	rVB2	383452	572313	7.79%	0.390%
79	17.557	2456	2460	2464	rBV3	399827	649497	8.84%	0.442%
80	17.639	2469	2474	2479	rVB	3471267	4257154	57.95%	2.899%
81	17.815	2500	2504	2508	rVB2	773610	1009375	13.74%	0.687%
82	17.921	2518	2522	2530	rBV5	299364	661030	9.00%	0.450%
83	18.039	2538	2542	2546	rBV2	646517	840966	11.45%	0.573%
84	18.080	2546	2549	2555	rVB	327377	420236	5.72%	0.286%
85	18.333	2587	2592	2596	rBV	3206482	3734560	50.84%	2.543%
86	18.968	2695	2700	2703	rBV	3713452	4821062	65.63%	3.283%
87	18.998	2703	2705	2709	rVB2	1899284	1880969	25.60%	1.281%
88	19.127	2724	2727	2731	rBV	519142	597816	8.14%	0.407%
89	19.551	2795	2799	2803	rVB	2053060	2181876	29.70%	1.486%
90	19.786	2834	2839	2844	rVB	6050290	7135721	97.13%	4.859%
91	20.086	2886	2890	2894	rVB	1407343	1633130	22.23%	1.112%
92	20.586	2971	2975	2979	rBV	962767	1098873	14.96%	0.748%
93	21.050	3050	3054	3066	rVB	1095988	1362361	18.54%	0.928%
94	21.350	3100	3105	3109	rBV	2840381	3584308	48.79%	2.441%
95	21.492	3125	3129	3133	rBV	365678	403237	5.49%	0.275%
96	21.933	3200	3204	3210	rBV2	273795	445953	6.07%	0.304%
97	22.403	3281	3284	3291	rVB2	253959	326773	4.45%	0.223%
98	22.915	3368	3371	3375	rBV	270238	323541	4.40%	0.220%
99	23.633	3487	3493	3505	rVB2	2587335	5090985	69.30%	3.467%
100	24.150	3579	3581	3590	rVB	279157	467443	6.36%	0.318%

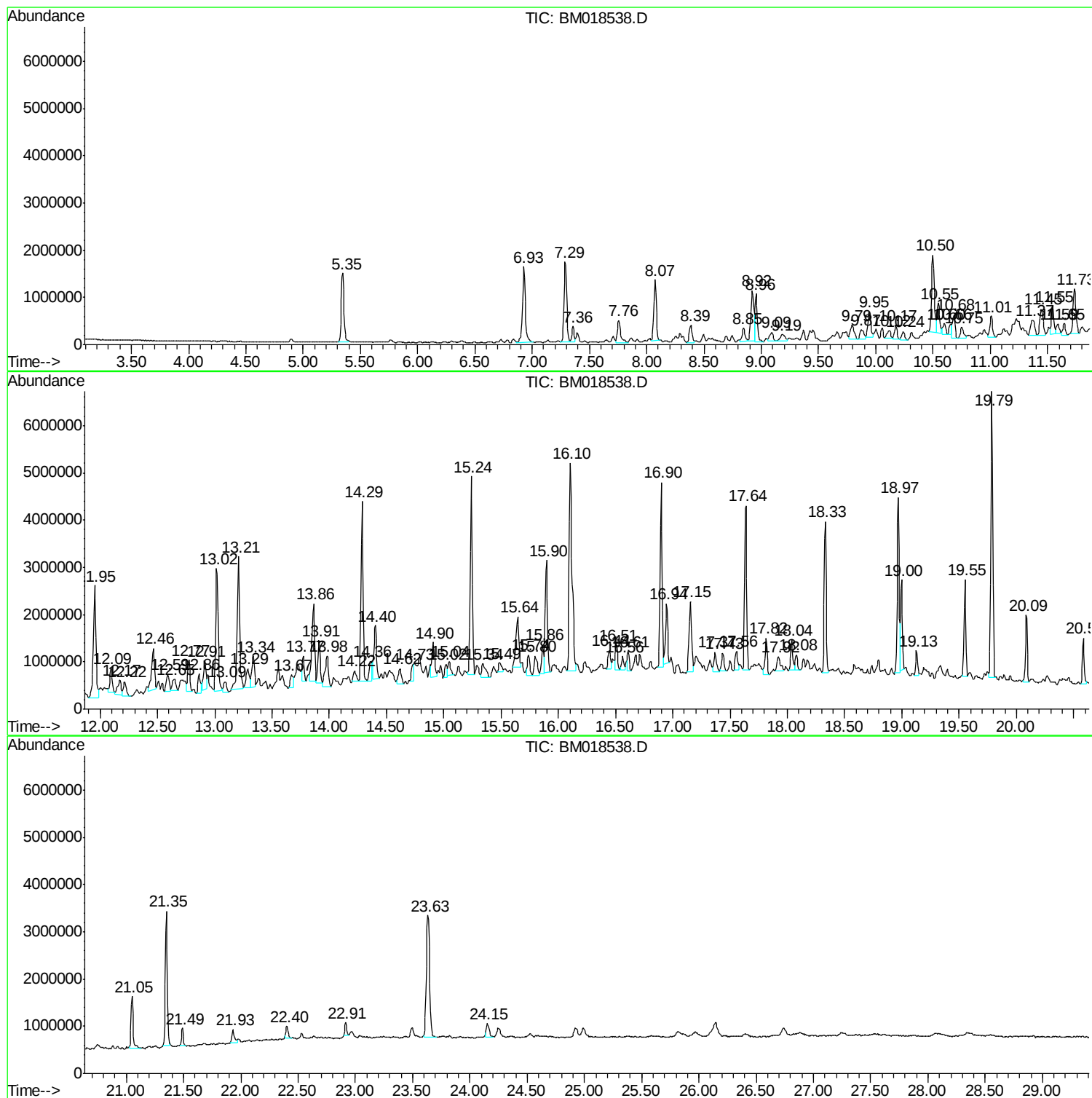
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DS-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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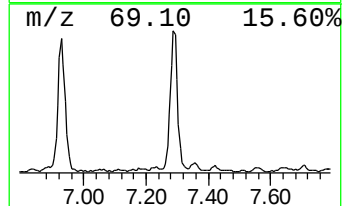
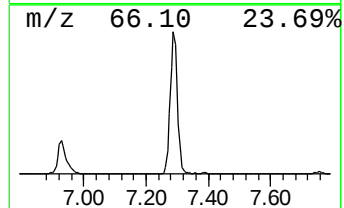
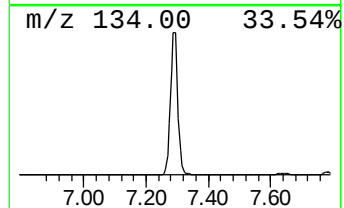
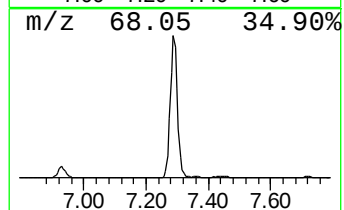
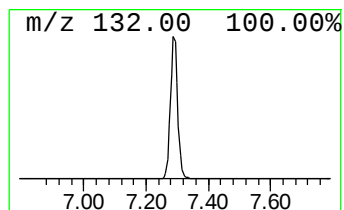
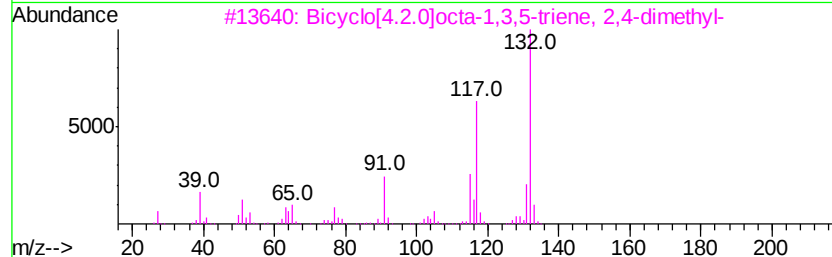
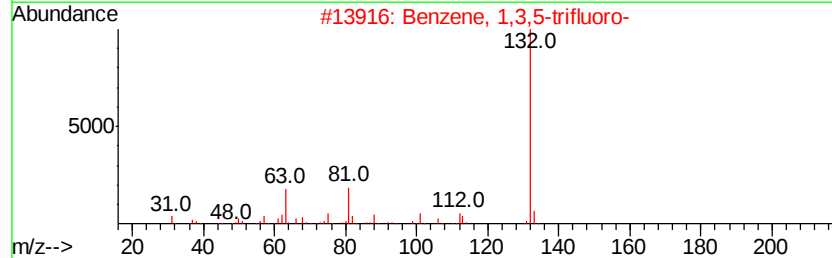
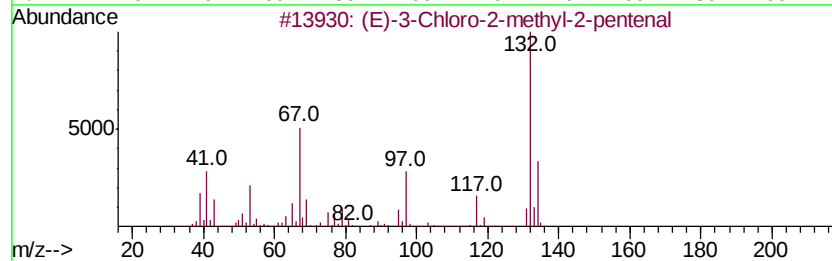
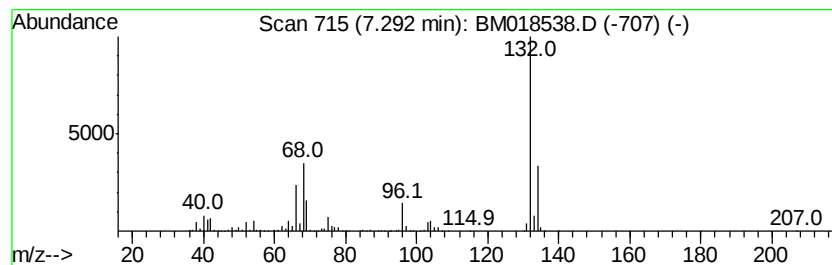
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.29 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	60.08 ng	2755720	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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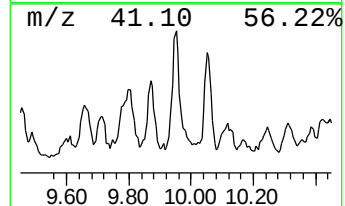
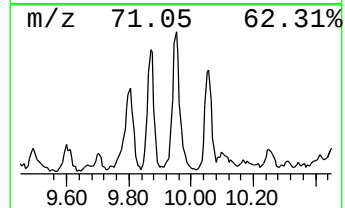
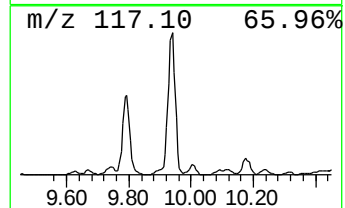
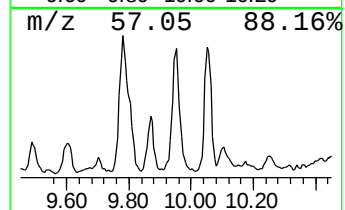
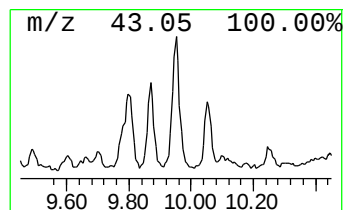
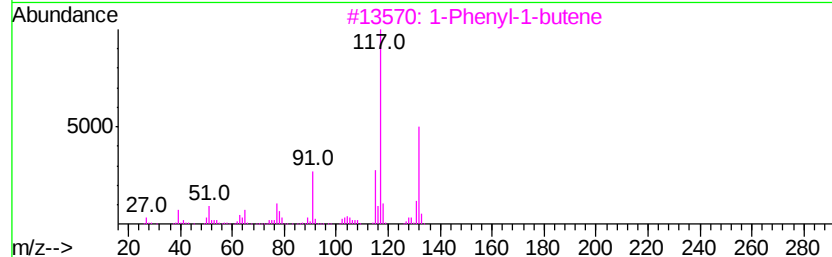
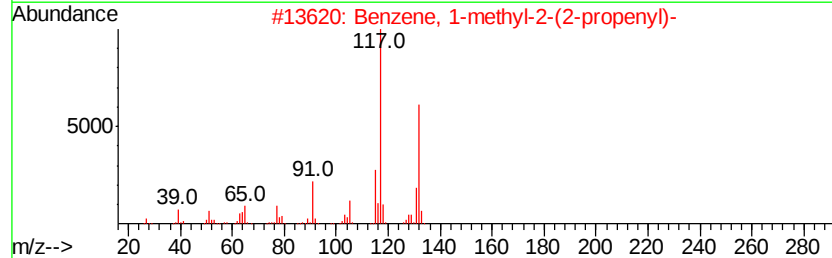
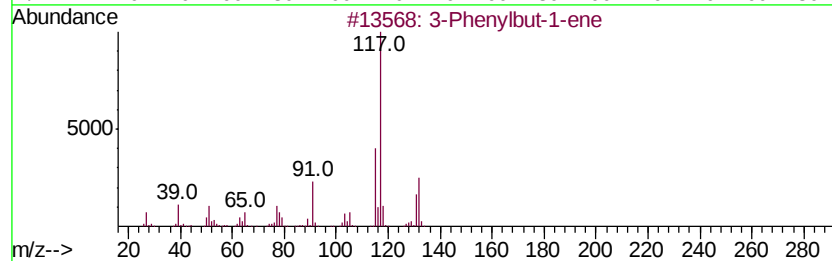
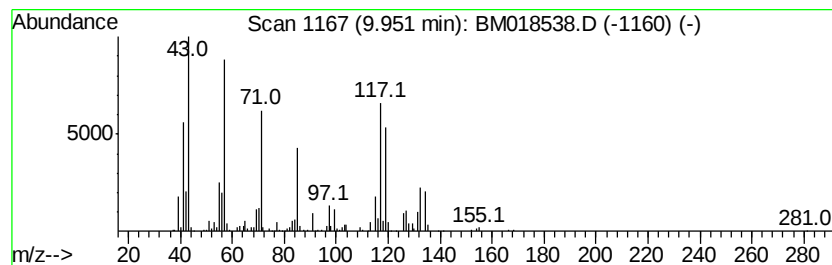
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Phenylbut-1-ene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	20.49 ng	1014230	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50



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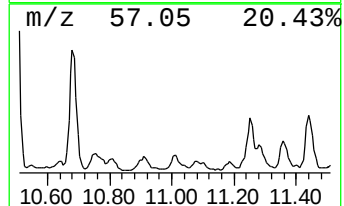
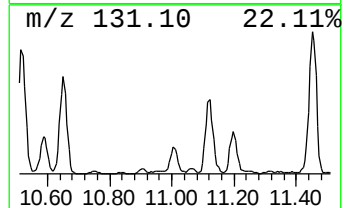
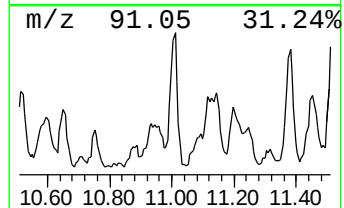
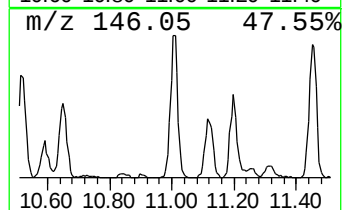
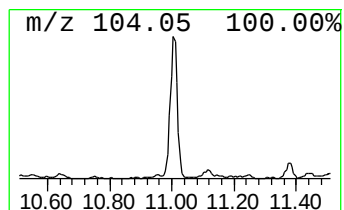
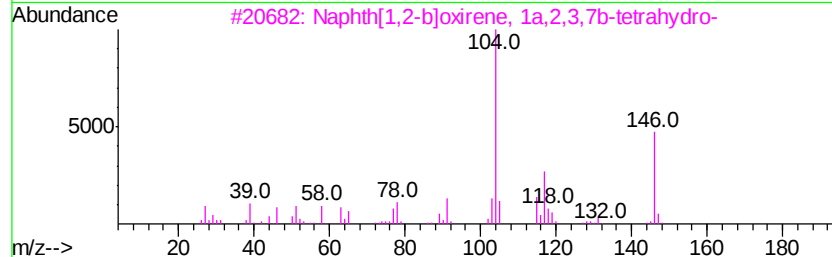
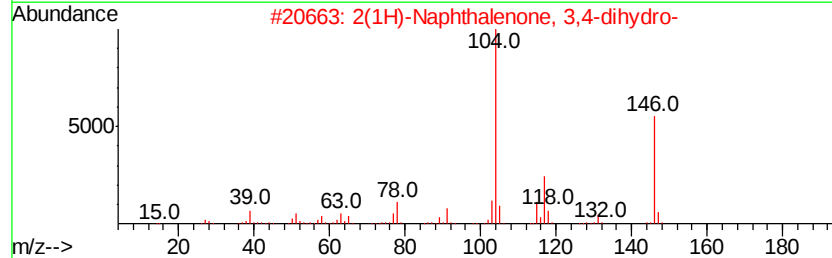
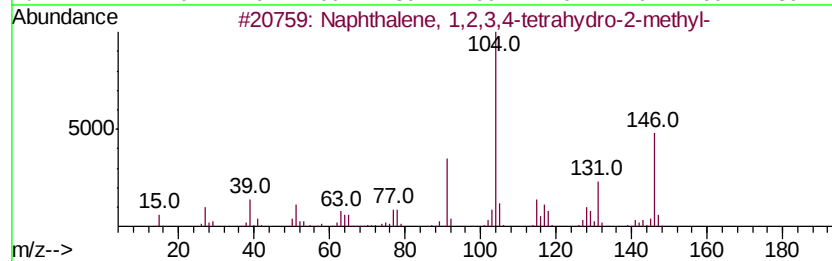
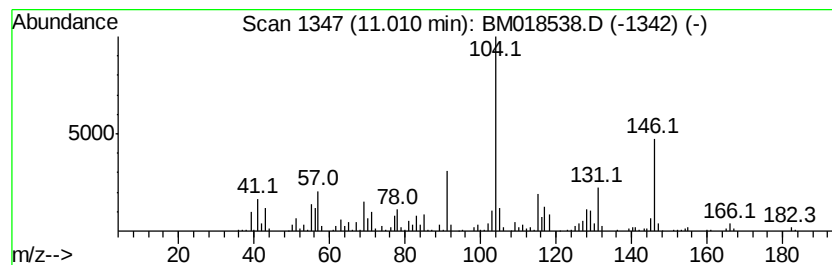
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	16.05 ng	794336	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	003877-19-8	93
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-	146	C10H10O	002461-34-9	58
4		Acetic acid, trifluoro-, 2-phenyl...	218	C10H9F3O2	055419-66-4	35
5		2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
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Acq On : 11 Jan 2019 17:21
Operator : JU/SJ
Sample : K1119-03
Misc :
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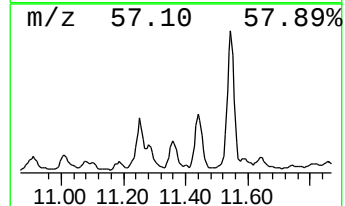
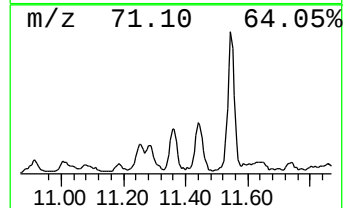
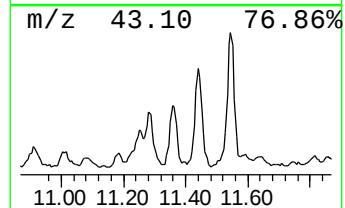
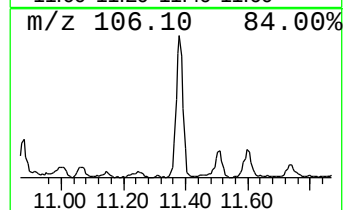
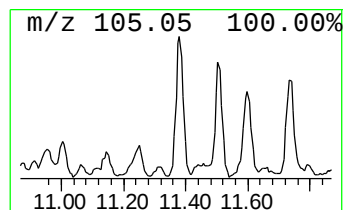
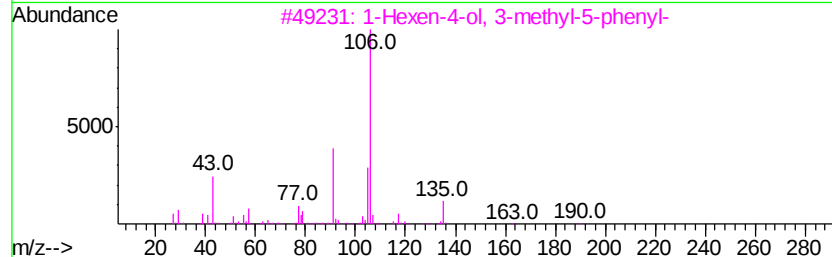
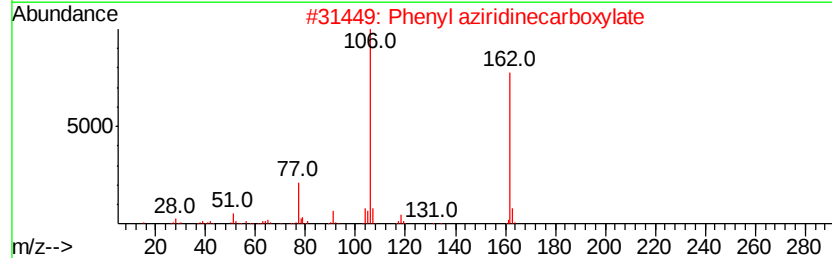
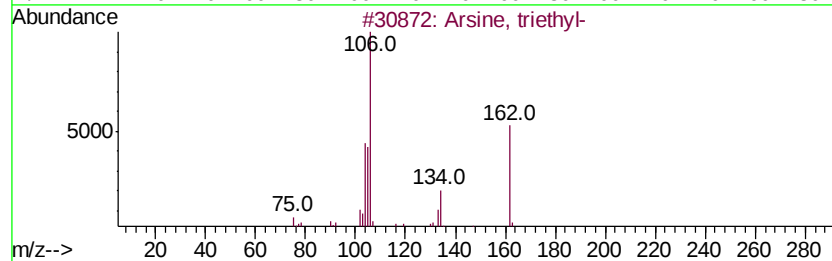
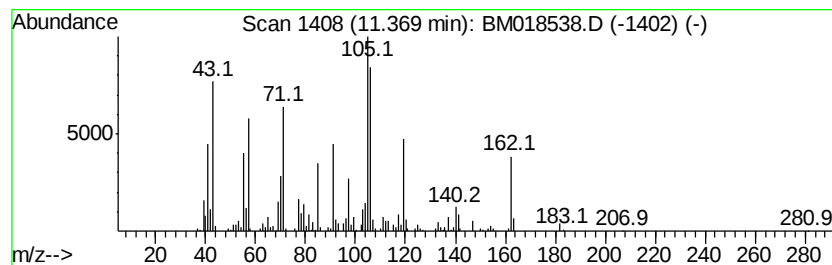
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Arsine, triethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.37	16.52 ng	817797	Naphthalene-d8	10.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Arsine, triethyl-	162	C6H15As	000617-75-4	58
2	Phenyl aziridinecarboxylate	163	C9H9NO2	014924-97-1	47
3	1-Hexen-4-ol, 3-methyl-5-phenyl-	190	C13H18O	1000196-46-1	43
4	dl-3-Amino-3-phenylpropionic acid	165	C9H11NO2	000614-19-7	38
5	Cumarin, 3-nitro-4-(2-phenylamin...	342	C17H14N2O4S	184581-65-5	35



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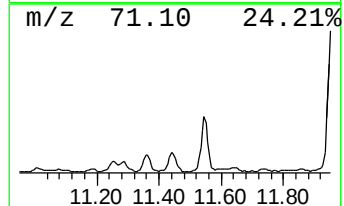
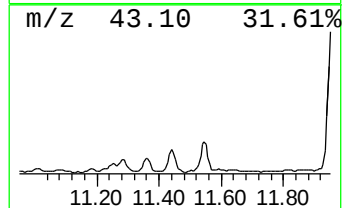
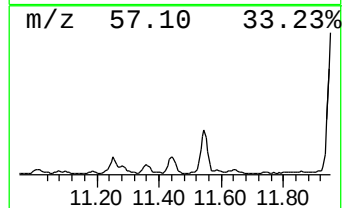
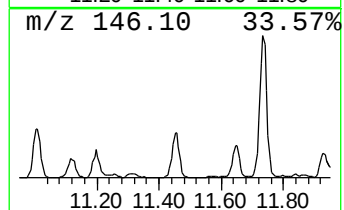
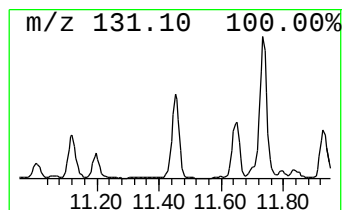
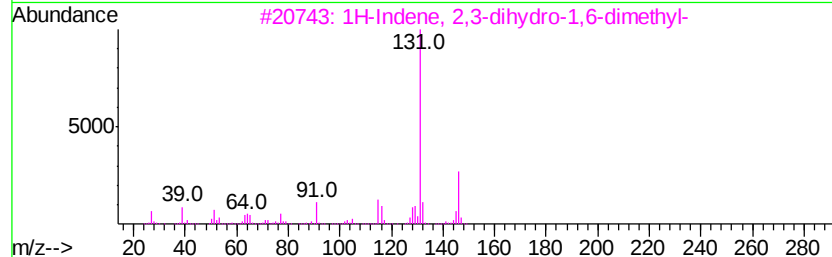
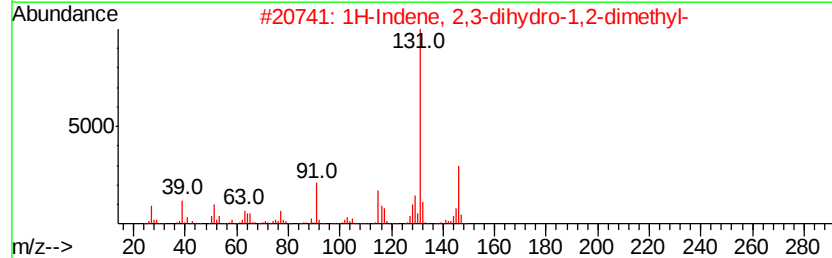
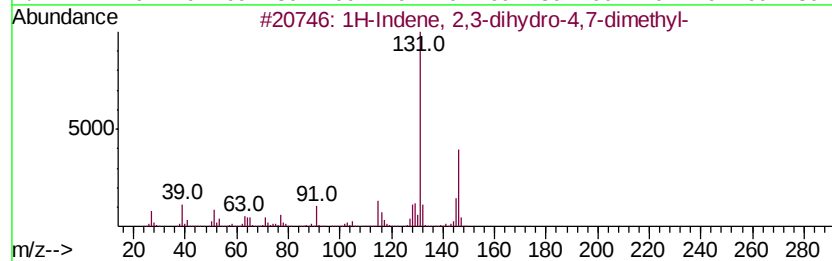
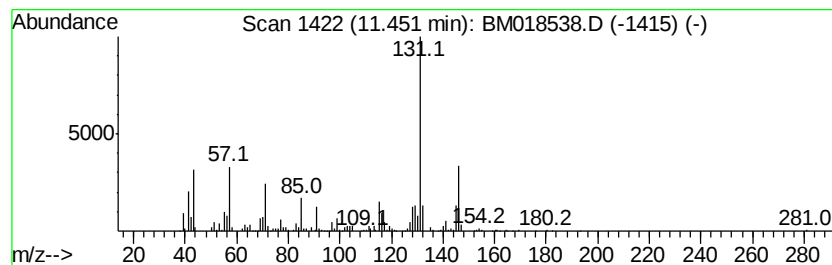
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	23.82 ng	1179080	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	64
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
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Acq On : 11 Jan 2019 17:21
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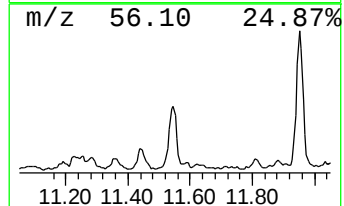
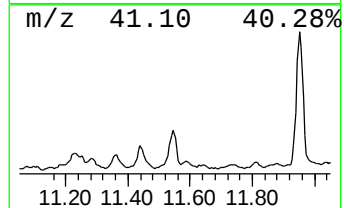
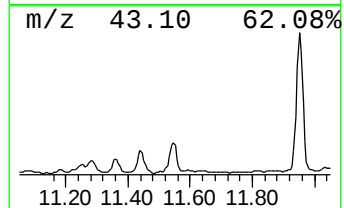
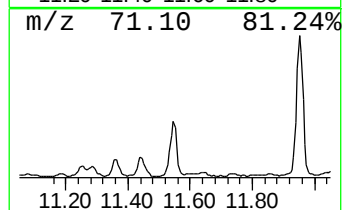
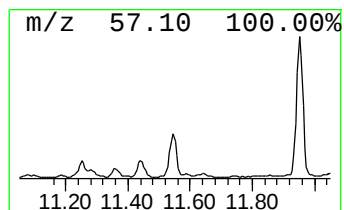
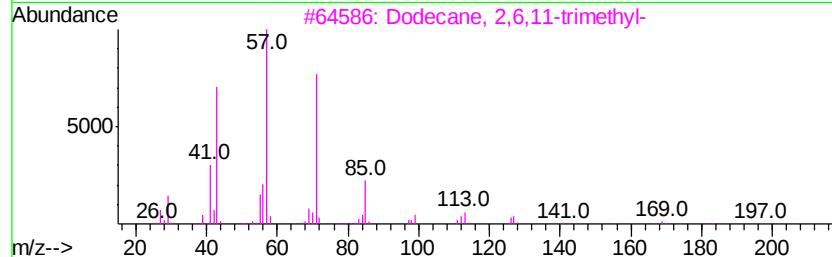
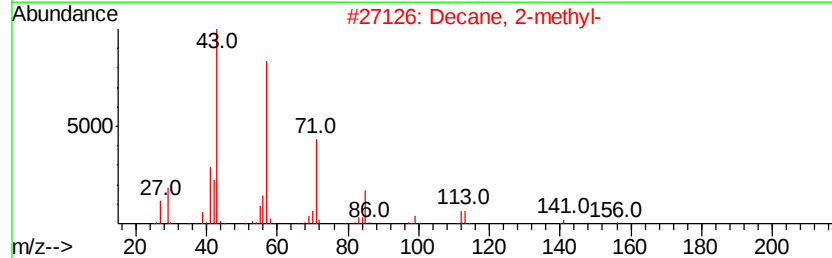
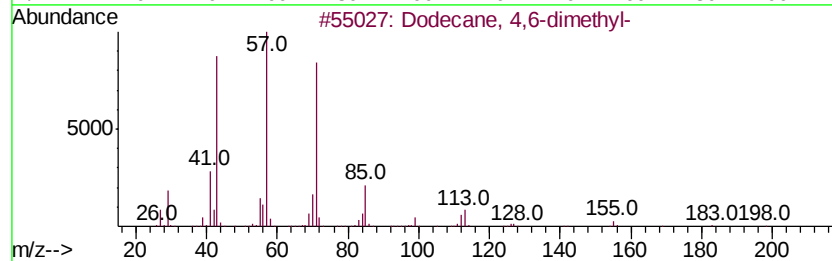
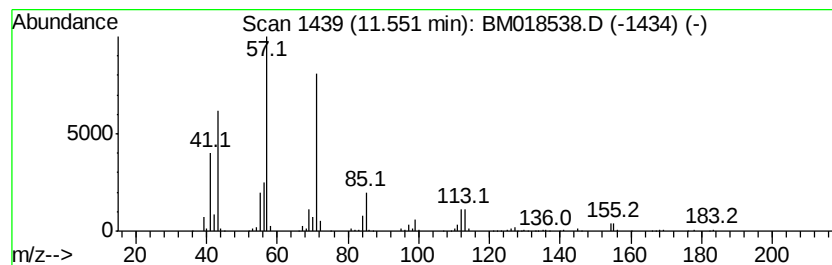
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	18.88 ng	934267	Napthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2		Decane, 2-methyl-	156	C11H24	006975-98-0	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018538.D
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ALS Vial : 4 Sample Multiplier: 1

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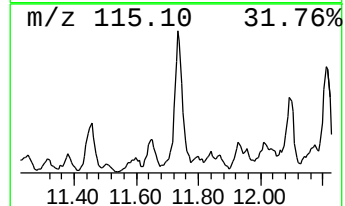
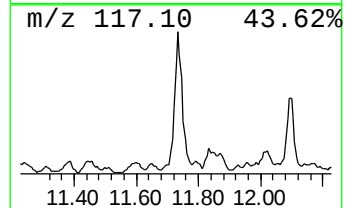
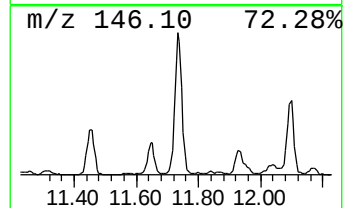
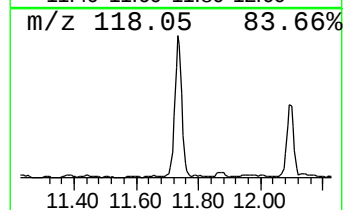
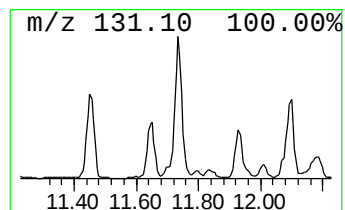
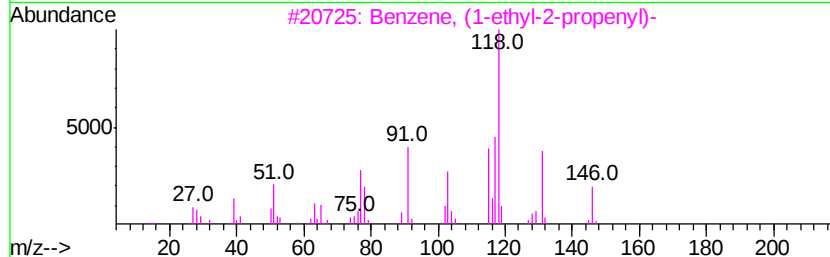
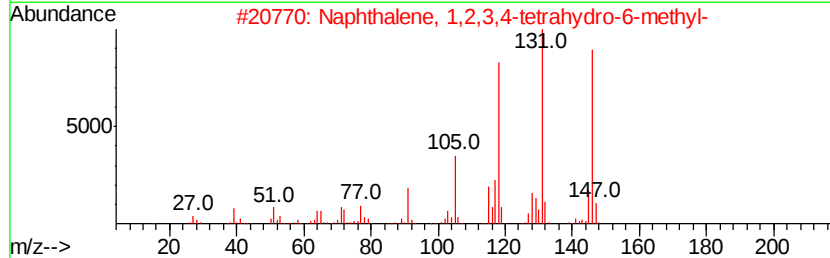
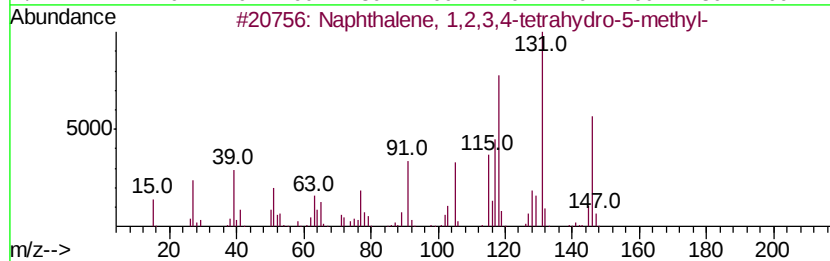
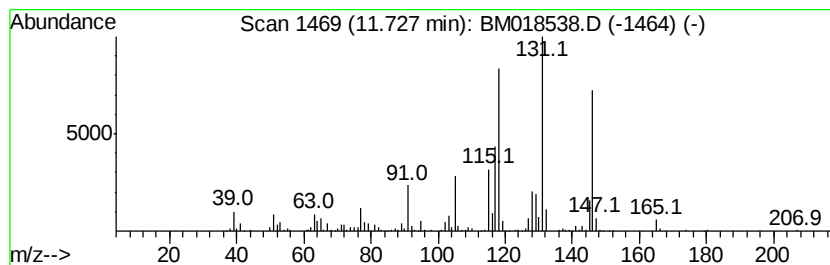
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	31.94 ng	1580750	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	90
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	90
5		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
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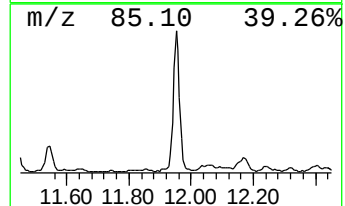
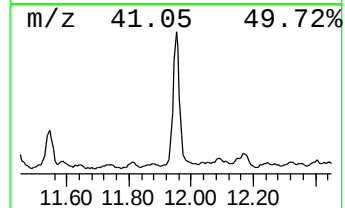
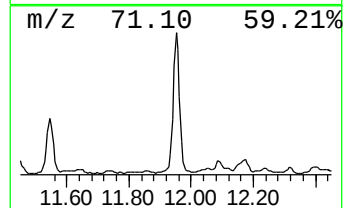
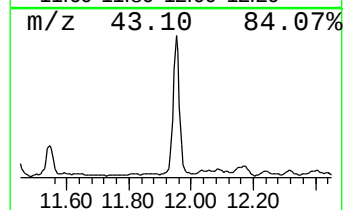
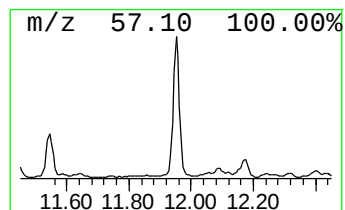
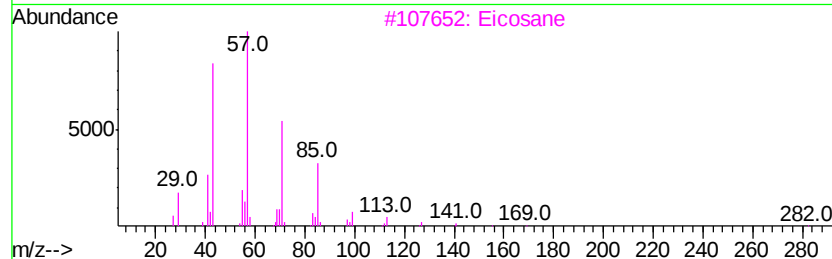
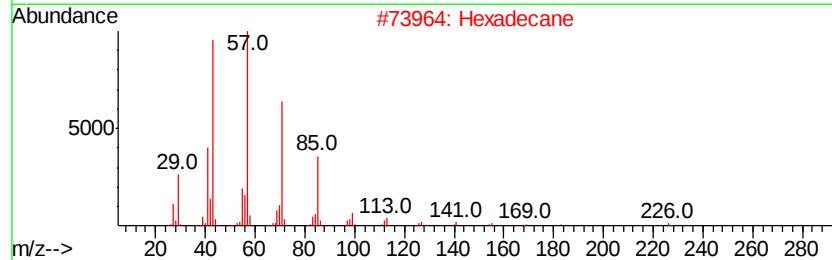
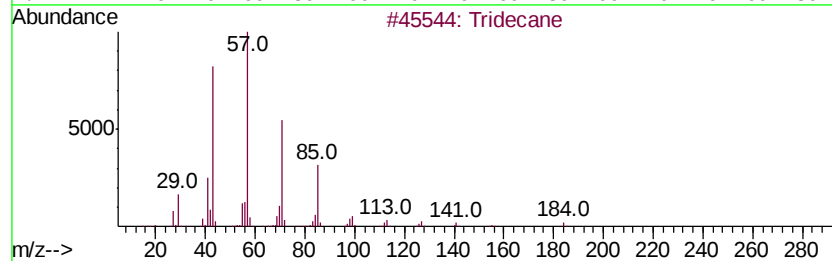
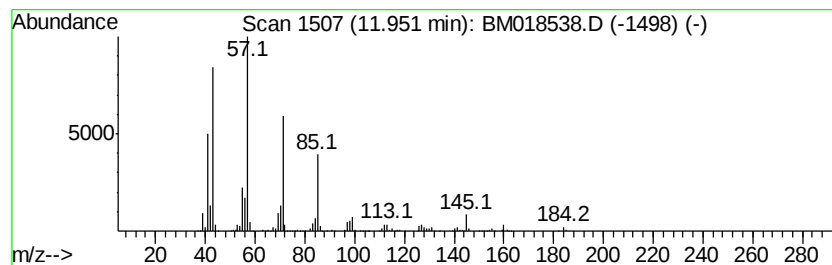
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	77.60 ng	3840560	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Hexadecane	226	C16H34	000544-76-3	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Tetradecane	198	C14H30	000629-59-4	83
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
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ClientSampleId :
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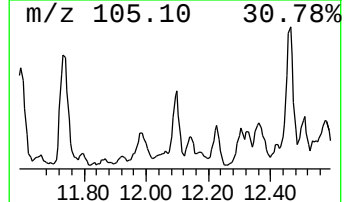
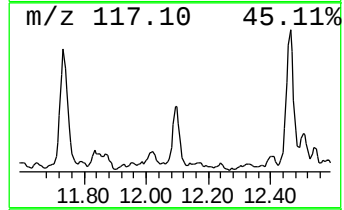
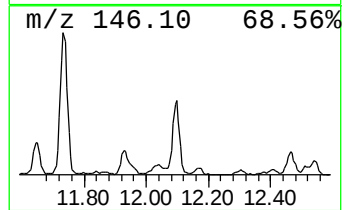
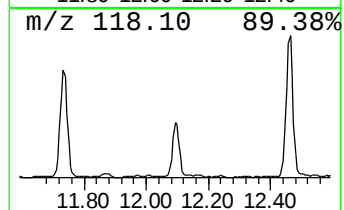
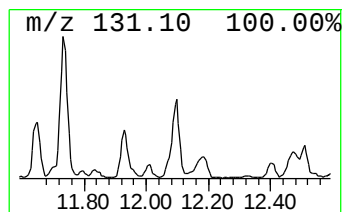
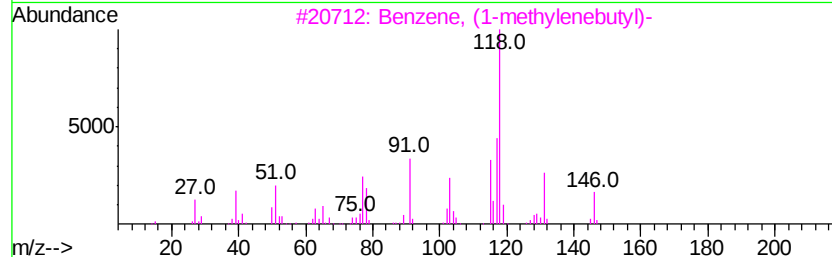
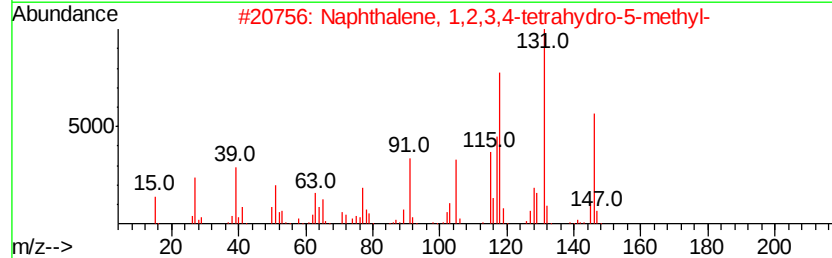
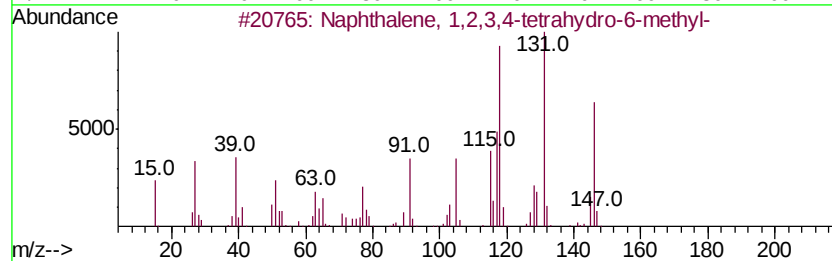
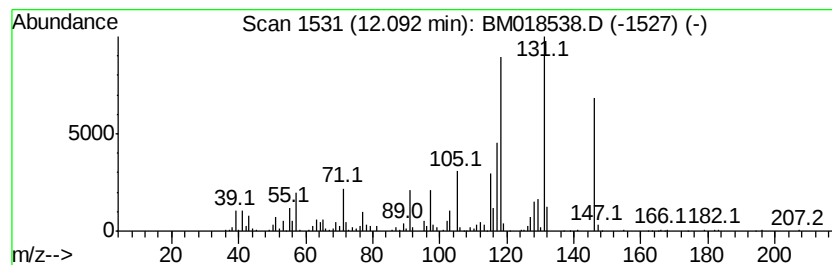
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	15.80 ng	782224	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	68
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
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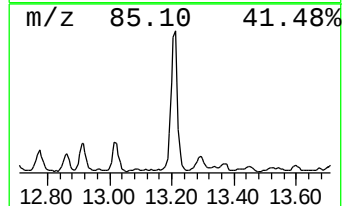
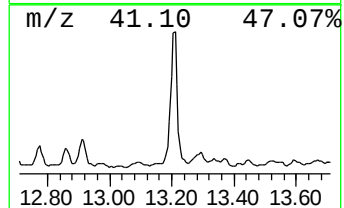
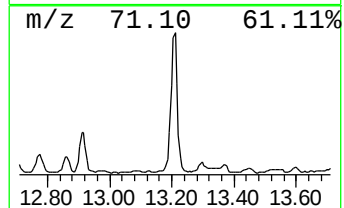
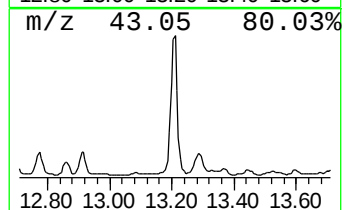
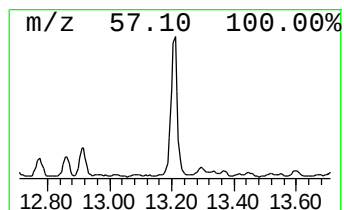
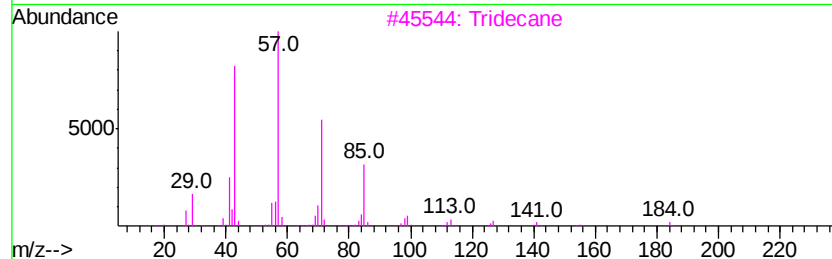
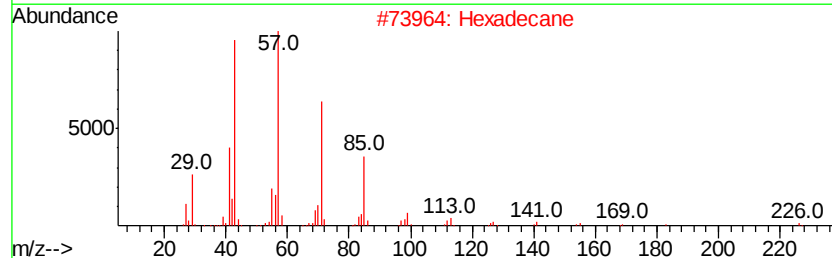
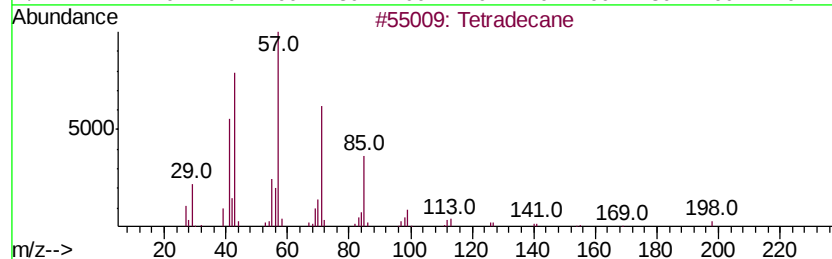
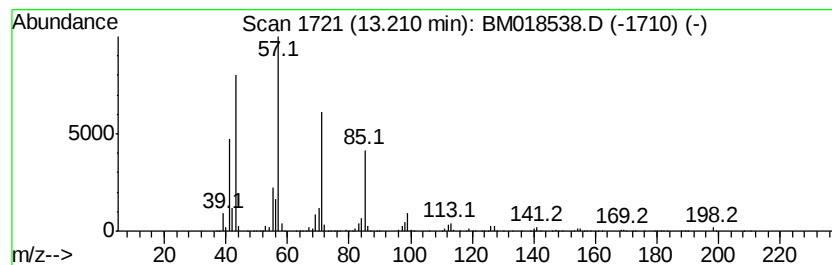
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	50.45 ng	4492820	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018538.D
 Acq On : 11 Jan 2019 17:21
 Operator : JU/SJ
 Sample : K1119-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-B

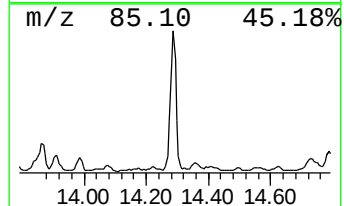
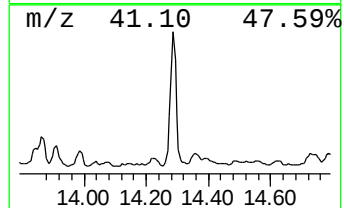
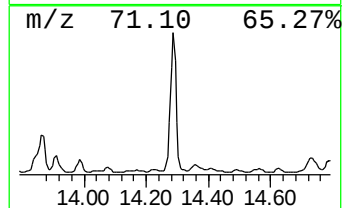
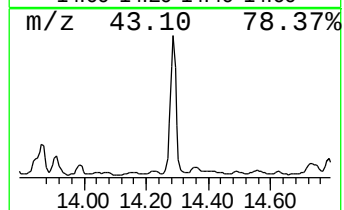
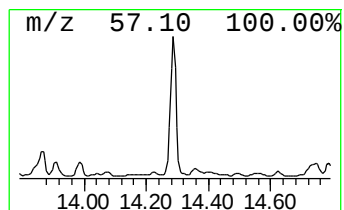
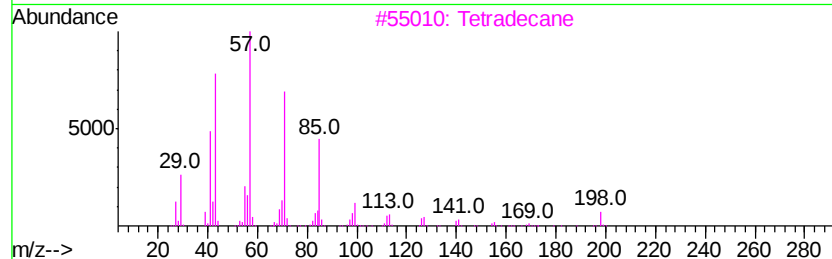
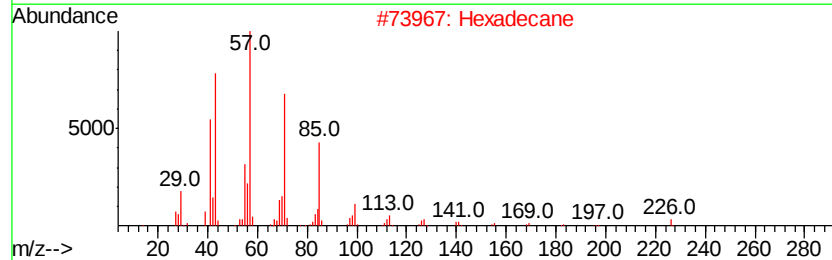
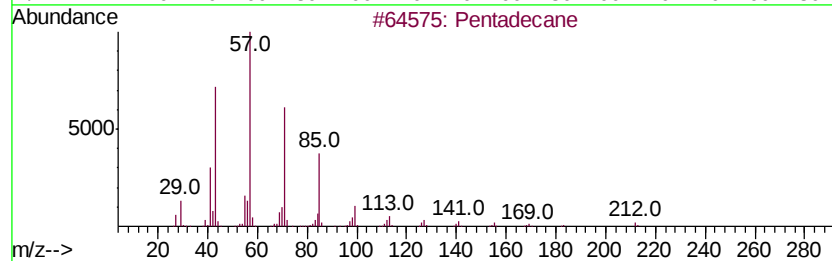
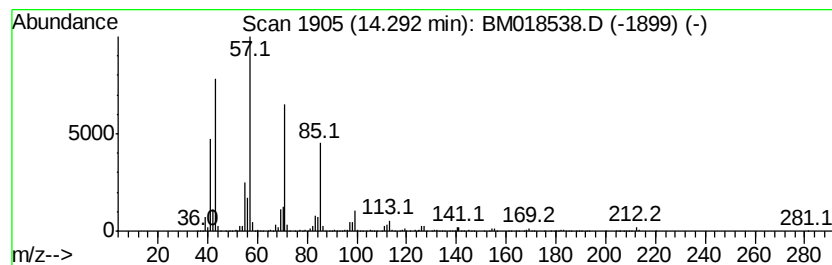
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	54.22 ng	4828390	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Nonadecane	268	C19H40	000629-92-5	87
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018538.D
Acq On : 11 Jan 2019 17:21
Operator : JU/SJ
Sample : K1119-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-B

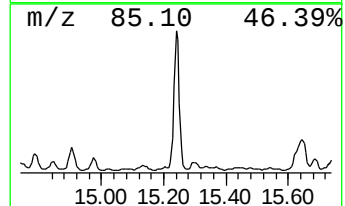
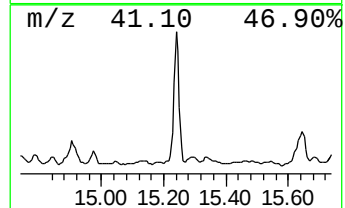
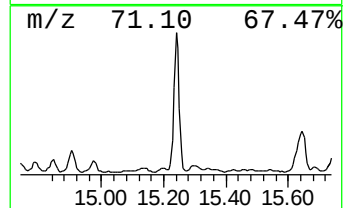
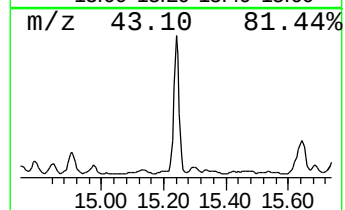
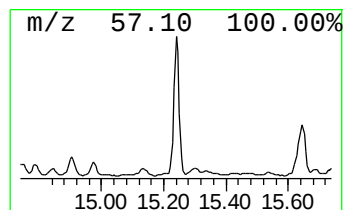
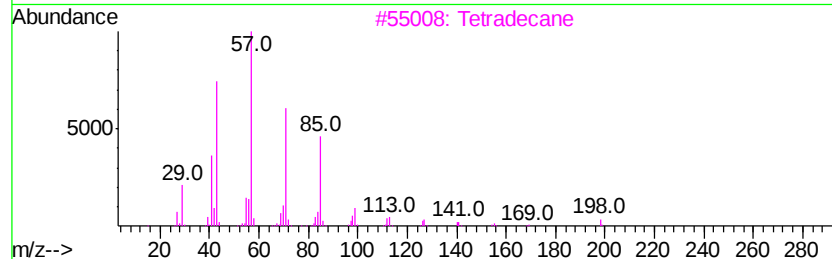
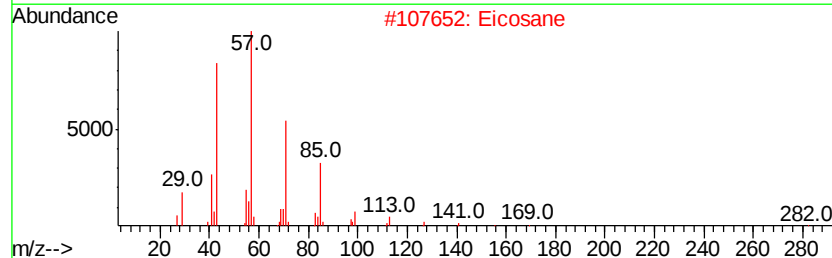
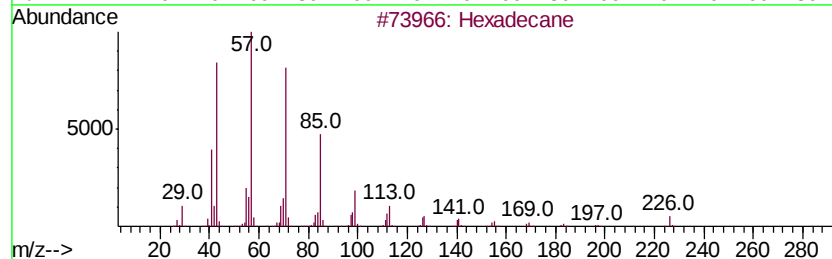
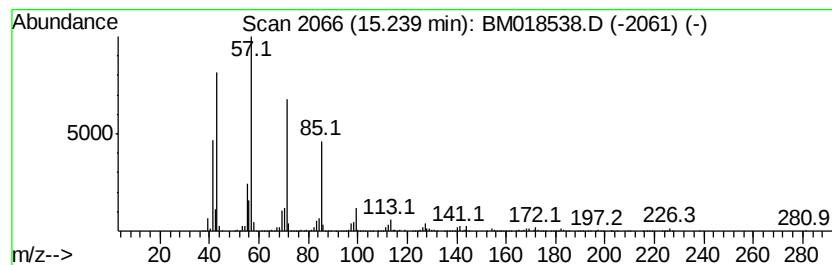
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	57.18 ng	5092310	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Eicosane	282	C20H42	000112-95-8	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018538.D
Acq On : 11 Jan 2019 17:21
Operator : JU/SJ
Sample : K1119-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-B

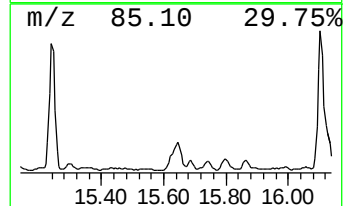
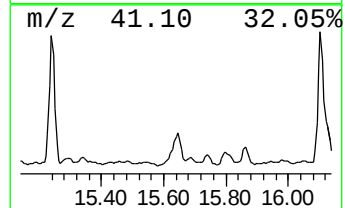
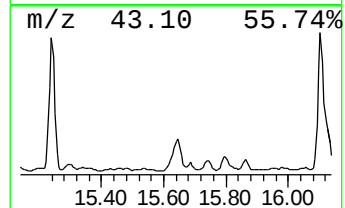
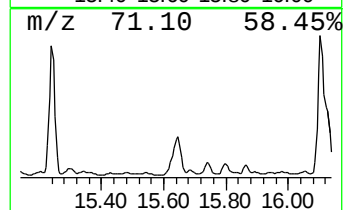
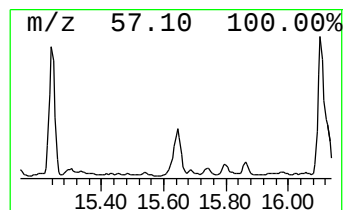
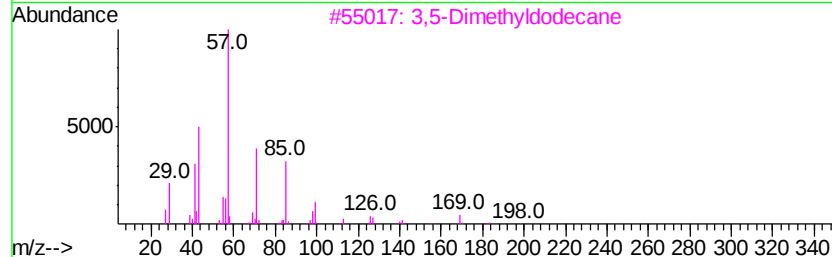
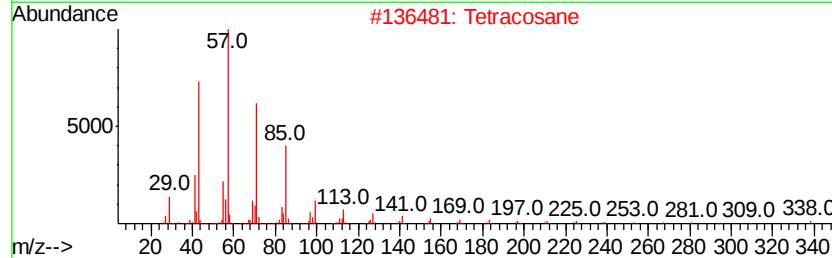
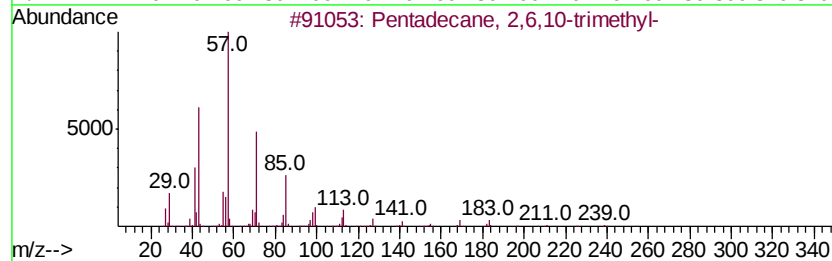
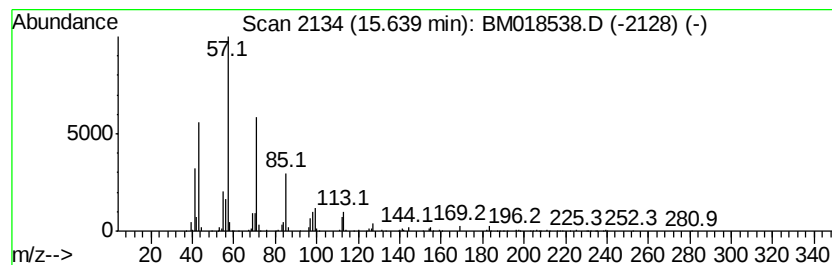
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	22.70 ng	2021950	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Tetracosane	338	C24H50	000646-31-1	72
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	70
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
5		2,3-Dimethyldodecane	198	C14H30	006117-98-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018538.D
Acq On : 11 Jan 2019 17:21
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DS-B

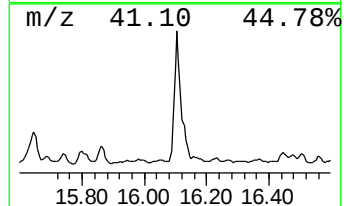
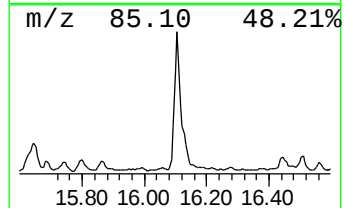
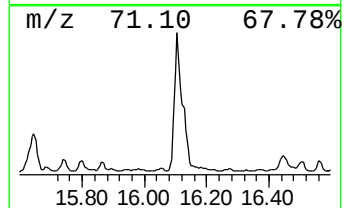
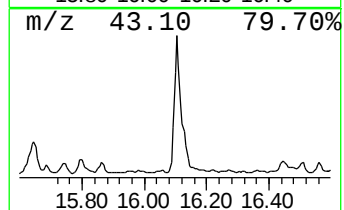
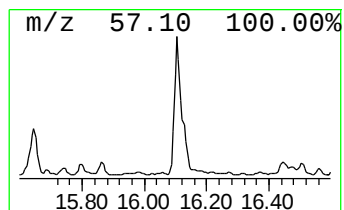
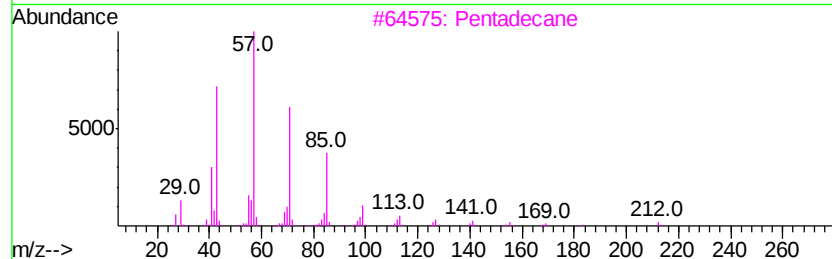
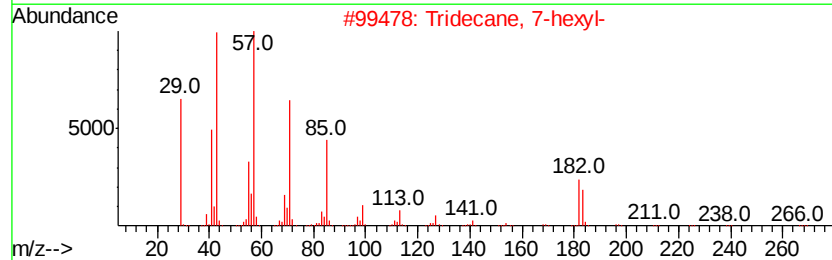
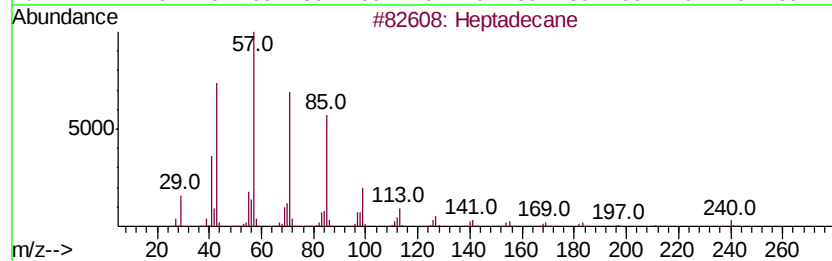
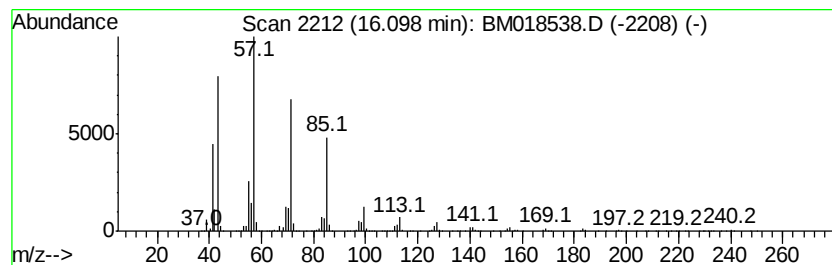
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	62.93 ng	7346360	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018538.D
Acq On : 11 Jan 2019 17:21
Operator : JU/SJ
Sample : K1119-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-B

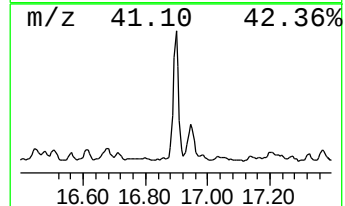
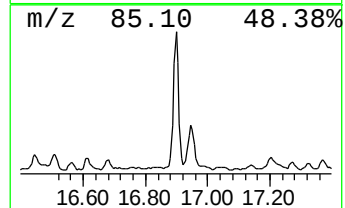
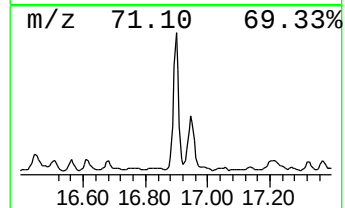
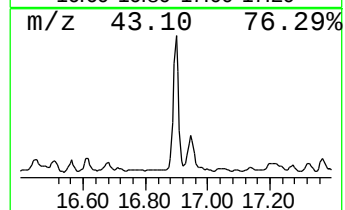
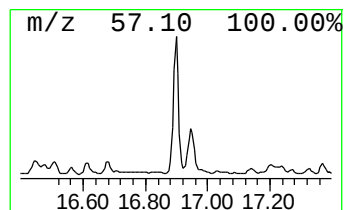
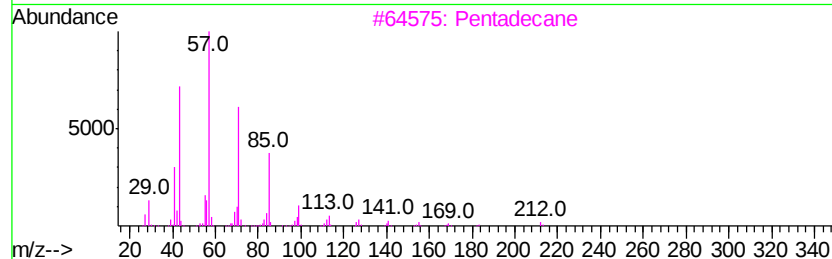
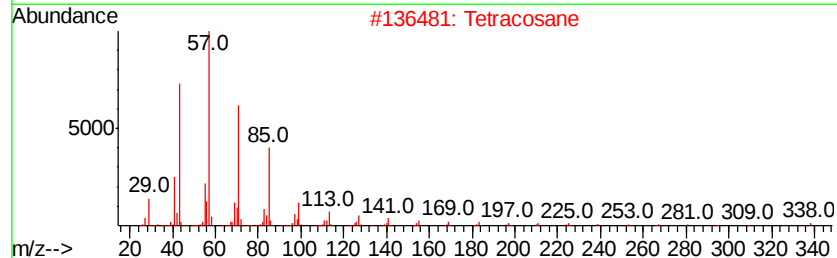
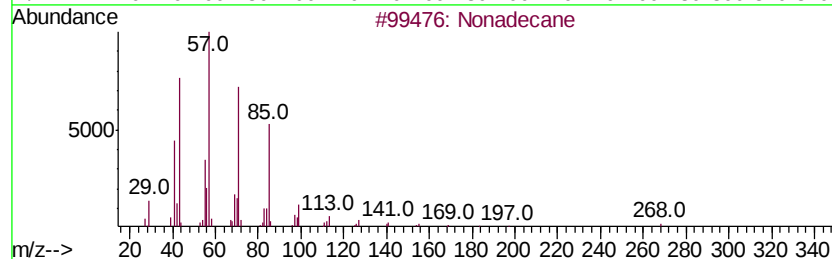
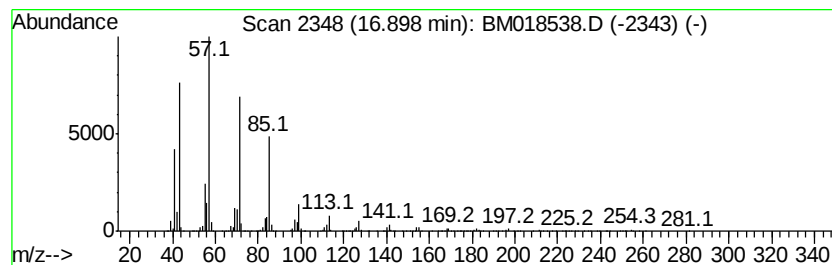
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	39.76 ng	4641310	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-B

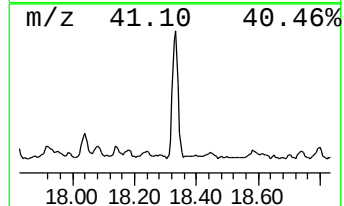
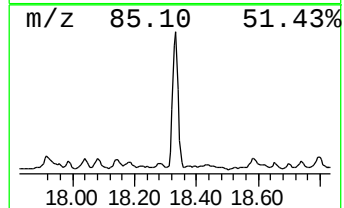
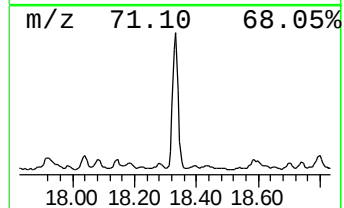
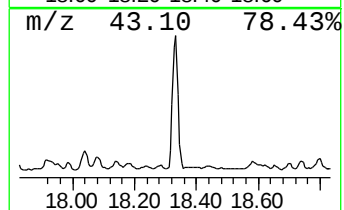
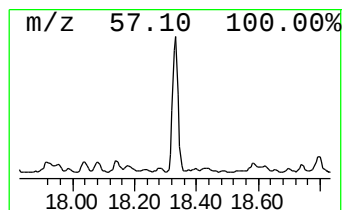
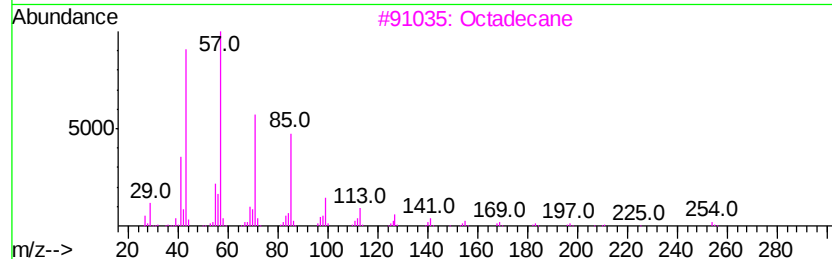
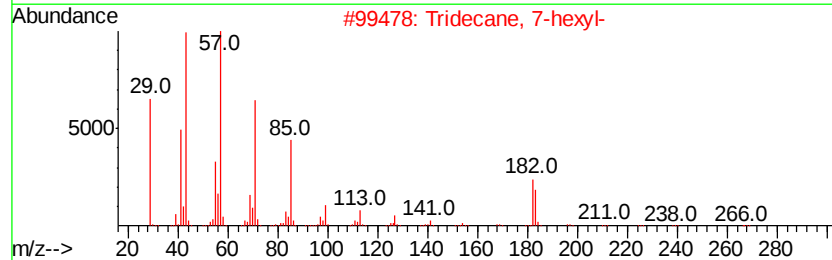
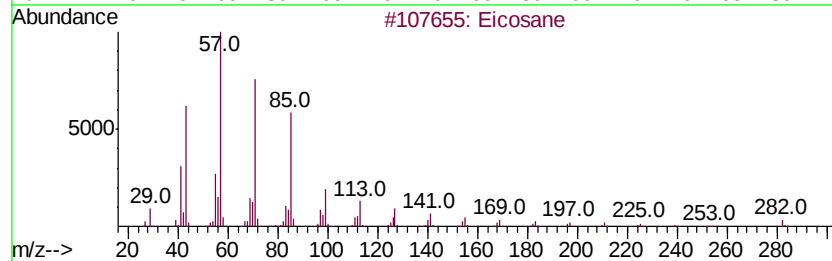
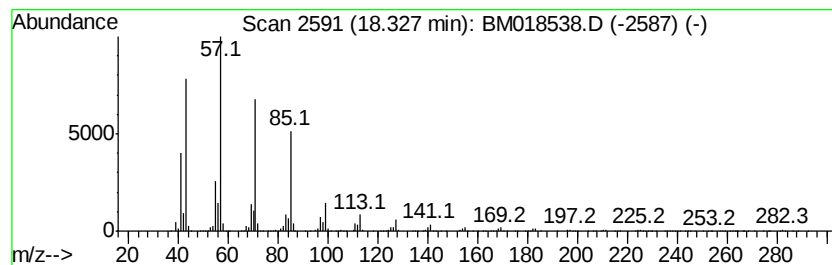
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	31.99 ng	3734560	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
3		Octadecane	254	C18H38	000593-45-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018538.D
Acq On : 11 Jan 2019 17:21
Operator : JU/SJ
Sample : K1119-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-B

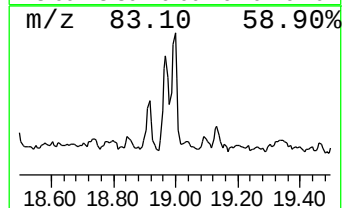
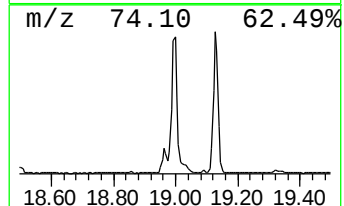
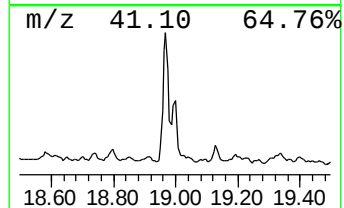
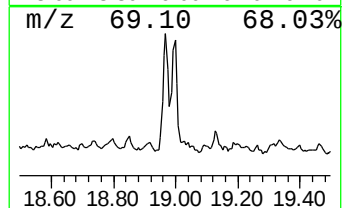
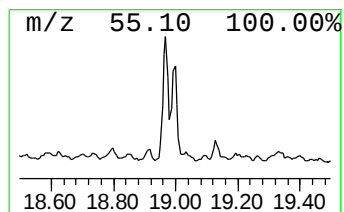
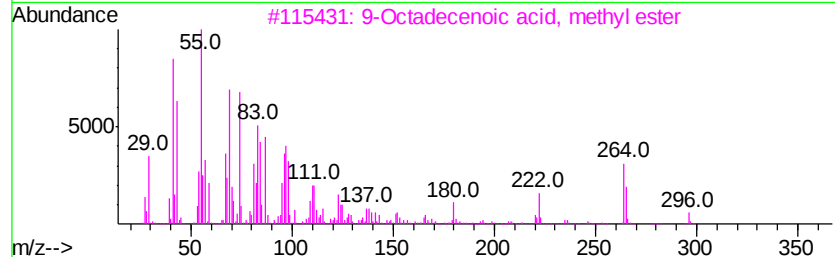
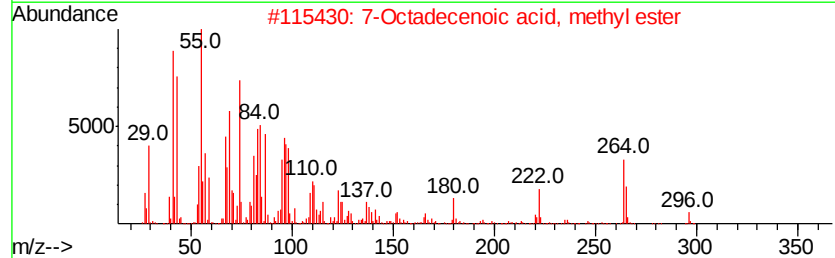
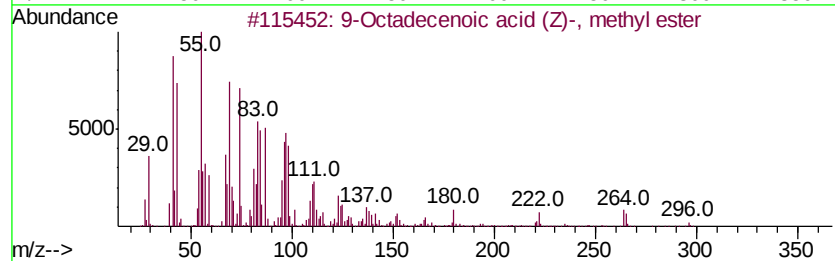
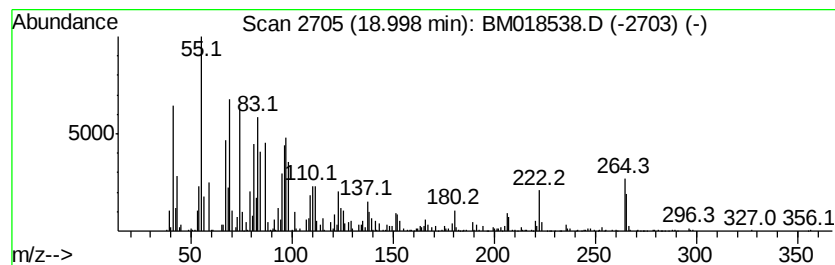
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	16.11 ng	1880970	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2			7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	93
3			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	93
4			8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93
5			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011119\
 Data File : BM018538.D
 Acq On : 11 Jan 2019 17:21
 Operator : JU/SJ
 Sample : K1119-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.29	7.29	60.1	ng	2755720	1	7.76	917386	20.0
3-Phenylbut-1-ene	9.95	20.5	ng	1014230	2	10.55	989865	20.0
Naphthalene, 1,2,...	11.01	16.1	ng	794336	2	10.55	989865	20.0
Arsine, triethyl-	11.37	16.5	ng	817797	2	10.55	989865	20.0
1H-Indene, 2,3-di...	11.45	23.8	ng	1179080	2	10.55	989865	20.0
Dodecane, 4,6-dim...	11.55	18.9	ng	934267	2	10.55	989865	20.0
Naphthalene, 1,2,...	11.73	31.9	ng	1580750	2	10.55	989865	20.0
Tridecane	11.95	77.6	ng	3840560	2	10.55	989865	20.0
Naphthalene, 1,2,...	12.09	15.8	ng	782224	2	10.55	989865	20.0
Tetradecane	13.21	50.5	ng	4492820	3	14.40	1781110	20.0
Pentadecane	14.29	54.2	ng	4828390	3	14.40	1781110	20.0
Hexadecane	15.24	57.2	ng	5092310	3	14.40	1781110	20.0
Pentadecane, 2,6,...	15.64	22.7	ng	2021950	3	14.40	1781110	20.0
Heptadecane	16.10	62.9	ng	7346360	4	17.15	2334620	20.0
Nonadecane	16.90	39.8	ng	4641310	4	17.15	2334620	20.0
Eicosane	18.33	32.0	ng	3734560	4	17.15	2334620	20.0
9-Octadecenoic ac...	19.00	16.1	ng	1880970	4	17.15	2334620	20.0