

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018537.D
 Acq On : 11 Jan 2019 16:45
 Operator : JU/SJ
 Sample : K1119-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-A

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	402	rVB	1876863	2987465	39.21%	2.183%
2	6.928	643	653	667	rVV	2044575	3475526	45.61%	2.540%
3	7.287	707	714	722	rBV	2099447	3462545	45.44%	2.530%
4	7.357	722	726	729	rVV	220248	295083	3.87%	0.216%
5	7.757	789	794	807	rVB	574326	1003884	13.17%	0.734%
6	8.075	842	848	854	rBV	1606204	2519229	33.06%	1.841%
7	8.387	894	901	907	rBV2	262459	453987	5.96%	0.332%
8	8.845	974	979	985	rBV3	168139	282781	3.71%	0.207%
9	8.922	985	992	996	rVV	1289292	2358110	30.95%	1.723%
10	8.957	996	998	1004	rVB	690987	799311	10.49%	0.584%
11	9.092	1015	1021	1028	rVB4	129472	283923	3.73%	0.207%
12	9.187	1028	1037	1044	rBV8	99872	304220	3.99%	0.222%
13	9.792	1135	1140	1149	rVB4	219401	532929	6.99%	0.389%
14	9.875	1149	1154	1160	rBV3	157503	379536	4.98%	0.277%
15	9.945	1160	1166	1172	rVV3	434654	893089	11.72%	0.653%
16	10.122	1188	1196	1200	rVV3	140915	313226	4.11%	0.229%
17	10.175	1200	1205	1211	rVB	244114	387463	5.08%	0.283%
18	10.498	1255	1260	1265	rBV	1277179	2088282	27.41%	1.526%
19	10.545	1265	1268	1274	rVV	725284	1154165	15.15%	0.843%
20	10.598	1274	1277	1282	rVB3	185034	286931	3.77%	0.210%
21	10.681	1288	1291	1297	rVB	401534	605166	7.94%	0.442%
22	10.751	1297	1303	1310	rBV5	175280	383097	5.03%	0.280%
23	11.010	1342	1347	1354	rVB2	366957	614700	8.07%	0.449%
24	11.204	1374	1380	1381	rBV2	180695	306272	4.02%	0.224%
25	11.363	1402	1407	1415	rBV4	251533	605674	7.95%	0.443%
26	11.445	1415	1421	1428	rBV3	439867	883896	11.60%	0.646%
27	11.545	1434	1438	1442	rVV	449383	652324	8.56%	0.477%
28	11.645	1451	1455	1461	rVB2	190864	316066	4.15%	0.231%
29	11.733	1465	1470	1477	rVB2	695734	1209722	15.88%	0.884%
30	11.951	1498	1507	1514	rBV	1961647	3162616	41.50%	2.311%
31	12.092	1527	1531	1537	rVV2	427137	741046	9.73%	0.541%
32	12.175	1537	1545	1548	rVV6	244631	552838	7.26%	0.404%
33	12.216	1548	1552	1561	rVB2	251728	474104	6.22%	0.346%
34	12.463	1587	1594	1599	rVV2	766264	1474648	19.35%	1.078%

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

35	12.510	1599	1602	1605	rVV4	208693	281878	3.70%	0.206%
36	12.592	1611	1616	1620	rVV5	311134	560674	7.36%	0.410%
37	12.645	1620	1625	1631	rVV4	217937	533160	7.00%	0.390%
38	12.704	1631	1635	1640	rVV3	213080	548724	7.20%	0.401%
39	12.775	1643	1647	1651	rVB	546252	710439	9.32%	0.519%
40	12.863	1658	1662	1666	rBV3	345612	603754	7.92%	0.441%
41	12.916	1667	1671	1673	rVV	382492	511432	6.71%	0.374%
42	13.022	1683	1689	1696	rBV	2871454	4348045	57.06%	3.177%
43	13.092	1697	1701	1707	rVB5	182039	344386	4.52%	0.252%
44	13.204	1709	1720	1728	rBV	2531568	4041829	53.04%	2.953%
45	13.333	1738	1742	1746	rVV2	516106	852960	11.19%	0.623%
46	13.669	1795	1799	1802	rBV5	216277	412073	5.41%	0.301%
47	13.727	1805	1809	1813	rVV5	360276	796334	10.45%	0.582%
48	13.774	1814	1817	1821	rVB3	451416	596650	7.83%	0.436%
49	13.863	1826	1832	1836	rVV	1664691	2810860	36.89%	2.054%
50	13.910	1836	1840	1845	rVV3	784718	1206011	15.83%	0.881%
51	13.980	1845	1852	1857	rVB5	568403	1216812	15.97%	0.889%
52	14.221	1889	1893	1899	rBV6	219545	388932	5.10%	0.284%
53	14.286	1899	1904	1912	rVV	3339237	4268236	56.01%	3.119%
54	14.363	1912	1917	1919	rBV3	366021	672363	8.82%	0.491%
55	14.404	1920	1924	1930	rVB2	1275724	1975601	25.93%	1.444%
56	14.616	1956	1960	1966	rVB3	269098	510271	6.70%	0.373%
57	14.733	1975	1980	1981	rBV3	289367	433951	5.69%	0.317%
58	14.904	2002	2009	2015	rBV5	657312	1367417	17.95%	0.999%
59	15.021	2025	2029	2031	rBV4	213115	335455	4.40%	0.245%
60	15.127	2043	2047	2053	rVB5	188474	329201	4.32%	0.241%
61	15.239	2061	2066	2071	rVB	3732562	4488088	58.90%	3.279%
62	15.286	2071	2074	2079	rVV3	212352	354461	4.65%	0.259%
63	15.339	2080	2083	2094	rVB6	284273	665282	8.73%	0.486%
64	15.645	2128	2135	2140	rBV	960668	1774001	23.28%	1.296%
65	15.739	2148	2151	2157	rVB3	394686	543742	7.14%	0.397%
66	15.798	2157	2161	2167	rBV2	373260	697395	9.15%	0.510%
67	15.863	2168	2172	2174	rVV2	535226	723748	9.50%	0.529%
68	15.898	2174	2178	2184	rVB	2790598	3804695	49.93%	2.780%
69	16.104	2208	2213	2221	rBV	3886622	6569418	86.21%	4.800%
70	16.445	2267	2271	2274	rBV2	319838	487803	6.40%	0.356%
71	16.504	2279	2281	2286	rVV2	453642	553884	7.27%	0.405%

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72	16.562	2288	2291	2294	rVV2	242644	305598	4.01%	0.223%
73	16.610	2296	2299	2303	rVB	350528	449217	5.90%	0.328%
74	16.898	2343	2348	2352	rBV	3351453	4063788	53.33%	2.969%
75	16.945	2352	2356	2360	rVB	1111275	1509476	19.81%	1.103%
76	17.151	2386	2391	2396	rBV2	1661671	2510637	32.95%	1.835%
77	17.368	2425	2428	2434	rVB2	358819	506916	6.65%	0.370%
78	17.433	2436	2439	2444	rVB3	328218	473463	6.21%	0.346%
79	17.551	2455	2459	2463	rBV3	351891	578060	7.59%	0.422%
80	17.633	2469	2473	2479	rVB	3149319	3732247	48.98%	2.727%
81	17.815	2500	2504	2508	rVB2	528918	708491	9.30%	0.518%
82	17.915	2518	2521	2530	rVB5	264787	535399	7.03%	0.391%
83	18.039	2537	2542	2546	rBV2	794541	1131702	14.85%	0.827%
84	18.074	2546	2548	2553	rVB	314741	424559	5.57%	0.310%
85	18.327	2587	2591	2596	rBV	2663968	3231684	42.41%	2.361%
86	18.580	2631	2634	2638	rBV4	185773	296338	3.89%	0.217%
87	18.792	2667	2670	2674	rVB	233726	313764	4.12%	0.229%
88	18.968	2695	2700	2702	rBV	2868207	3538031	46.43%	2.585%
89	18.992	2702	2704	2709	rVB2	1318688	1508373	19.80%	1.102%
90	19.127	2724	2727	2731	rBV	390852	406666	5.34%	0.297%
91	19.327	2758	2761	2768	rVB4	287786	532698	6.99%	0.389%
92	19.551	2795	2799	2802	rBV	1709937	1808331	23.73%	1.321%
93	19.786	2834	2839	2844	rVB	5880107	7619943	100.00%	5.568%
94	20.086	2886	2890	2894	rVB	1277913	1375773	18.05%	1.005%
95	20.580	2970	2974	2979	rBV	744161	890589	11.69%	0.651%
96	21.045	3049	3053	3058	rBV	1027288	1212861	15.92%	0.886%
97	21.345	3099	3104	3109	rBV	3105110	3915593	51.39%	2.861%
98	21.486	3125	3128	3134	rVB	292811	324413	4.26%	0.237%
99	21.927	3200	3203	3217	rVB3	252602	469258	6.16%	0.343%
100	23.633	3486	3493	3501	rVB2	2578576	4915390	64.51%	3.592%

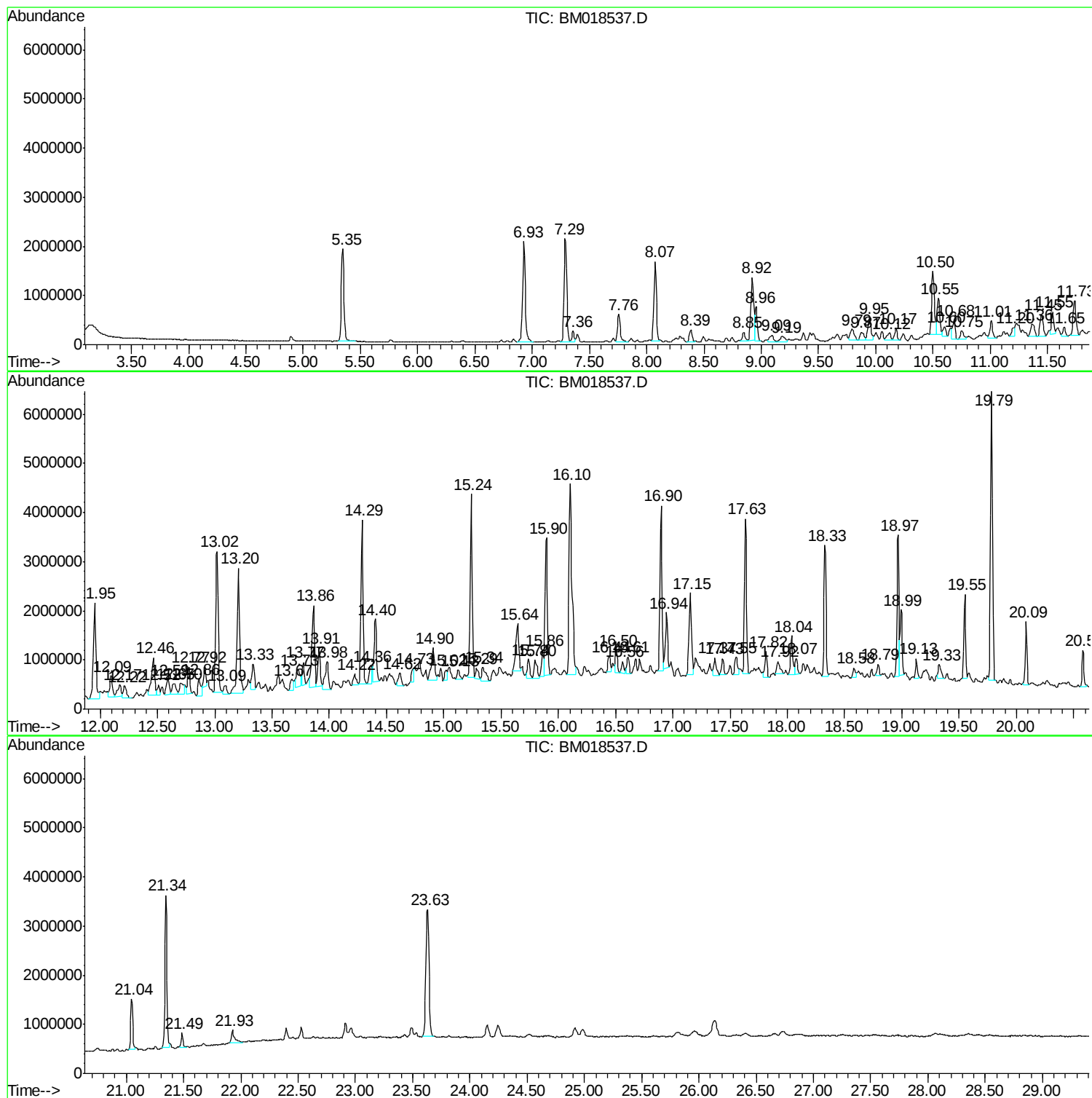
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Instrument :
BNA_M
ClientSampled :
DS-A

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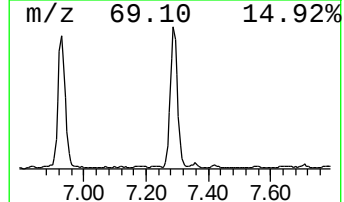
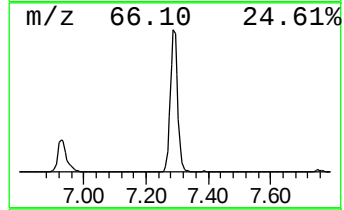
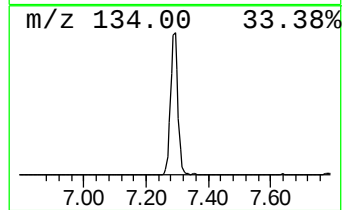
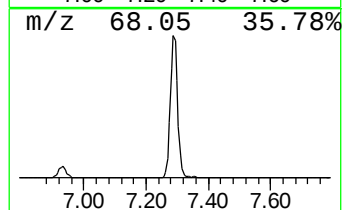
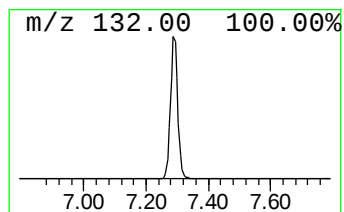
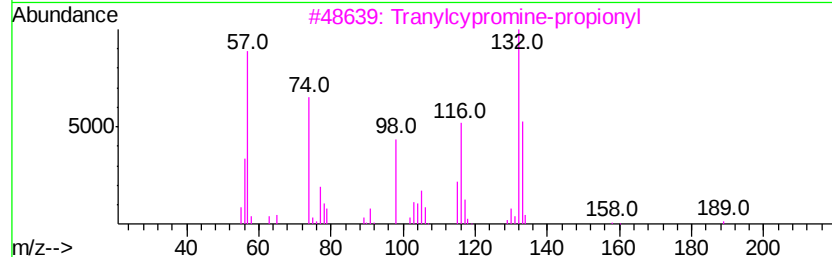
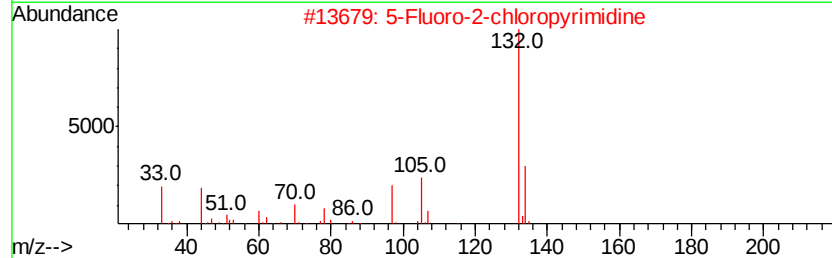
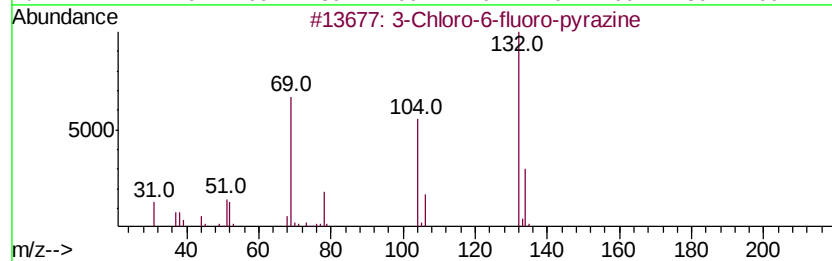
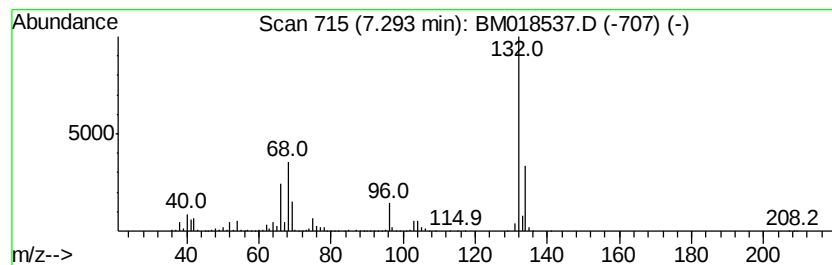
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	68.98 ng	3462550	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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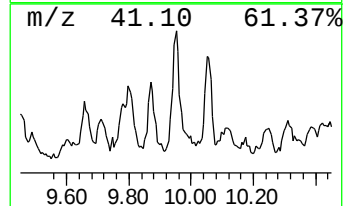
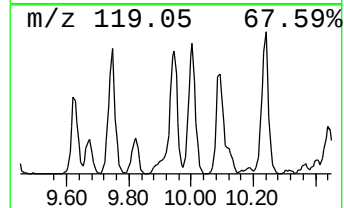
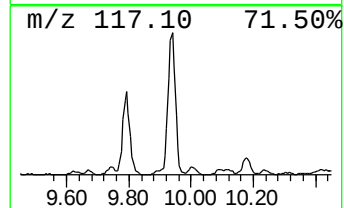
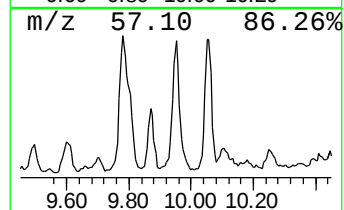
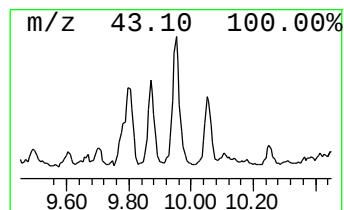
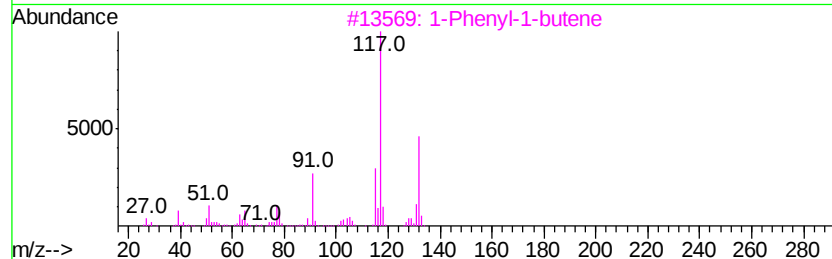
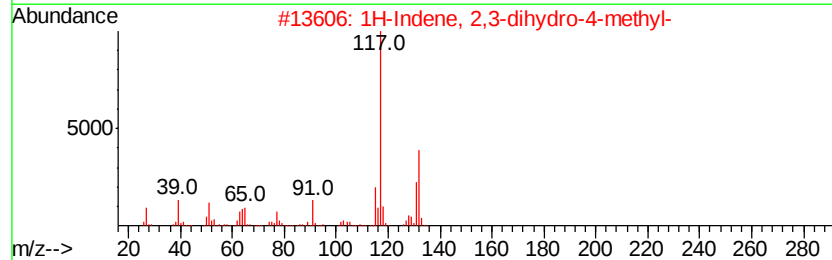
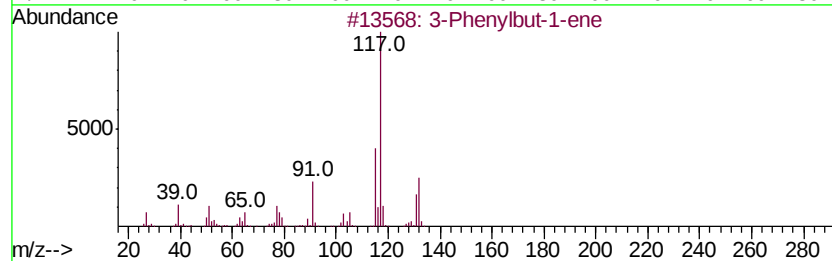
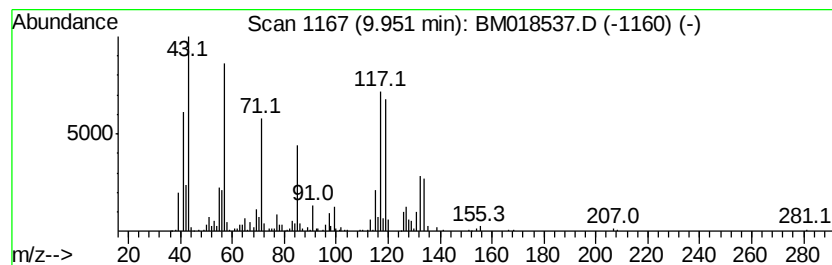
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Phenylbut-1-ene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	15.48 ng	893089	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	53



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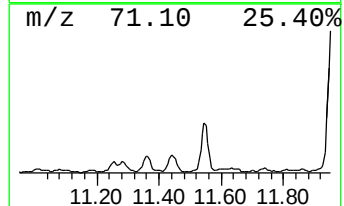
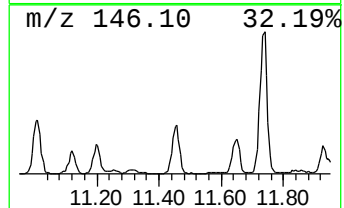
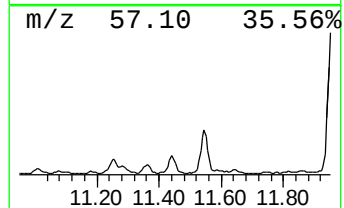
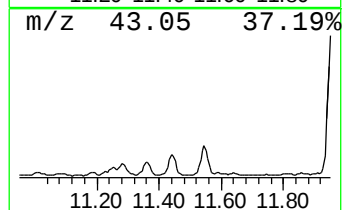
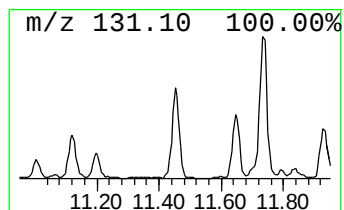
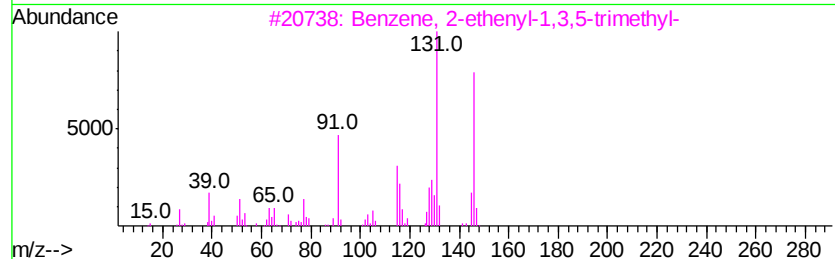
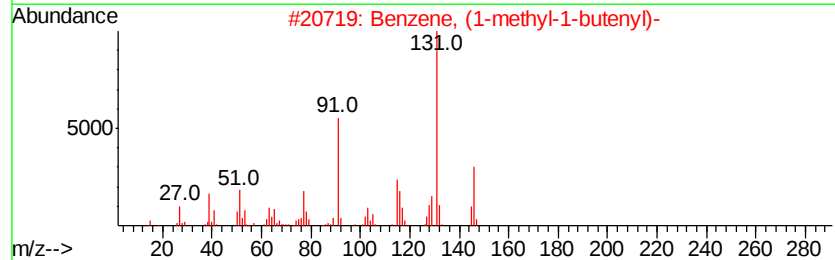
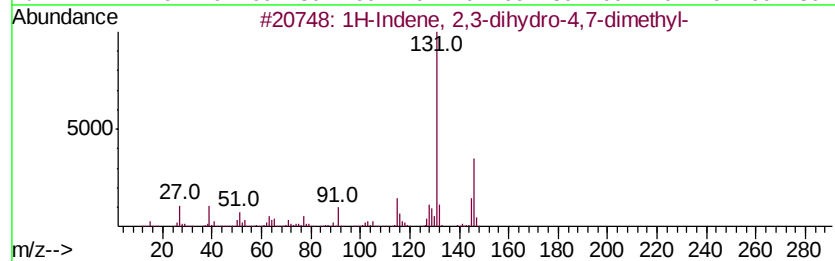
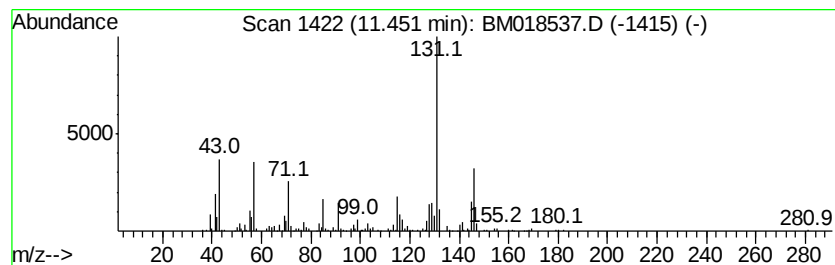
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	15.32 ng	883896	Napthalene-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		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
Operator : JU/SJ
Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-A

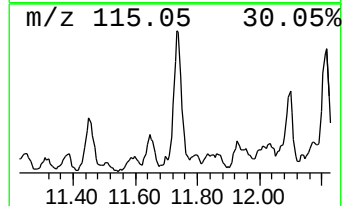
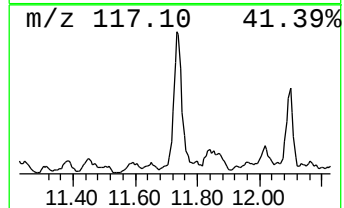
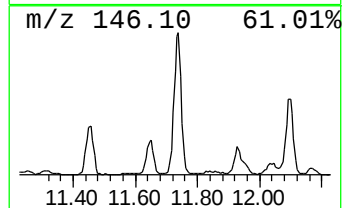
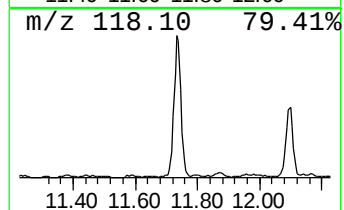
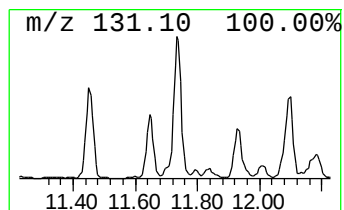
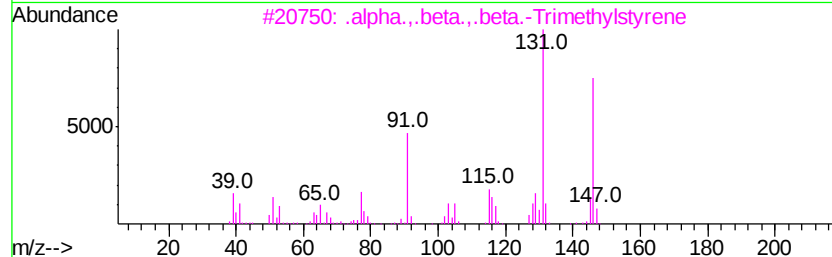
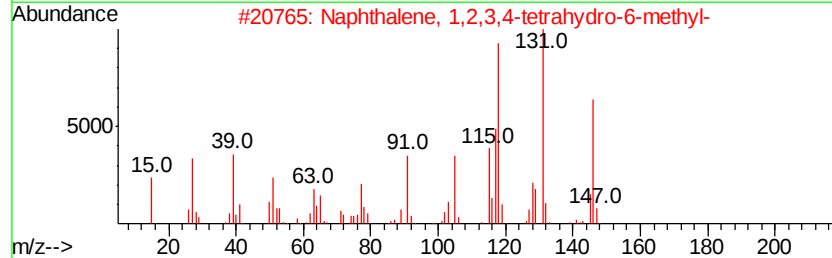
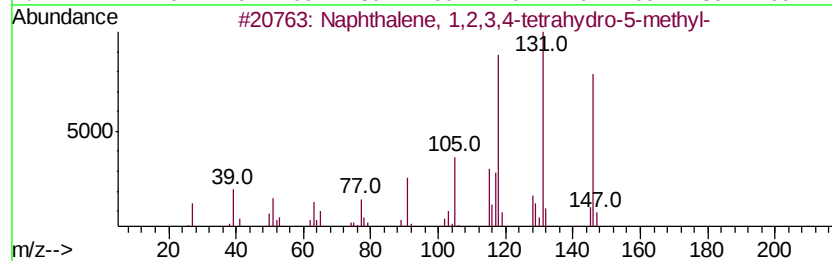
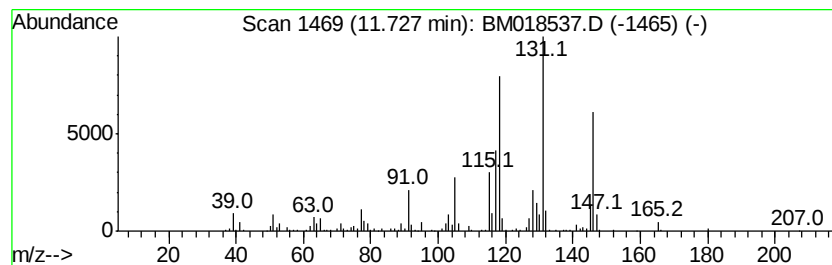
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	20.96 ng	1209720	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	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	74
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
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Sample : K1119-01
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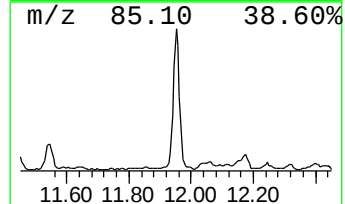
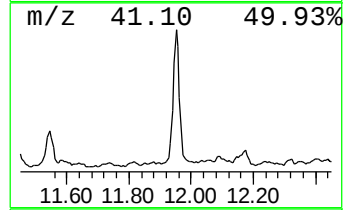
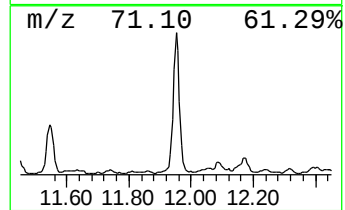
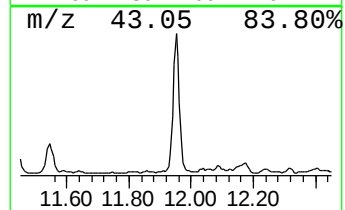
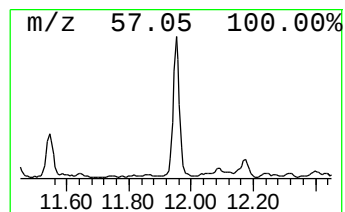
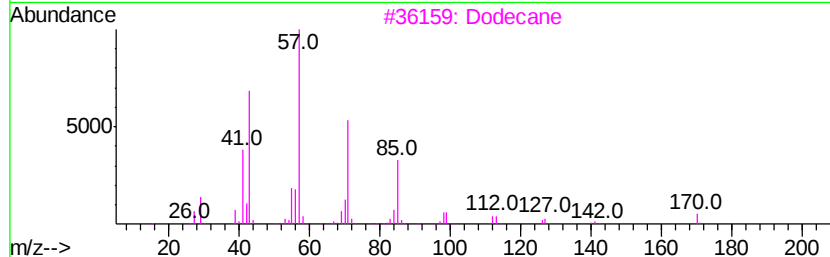
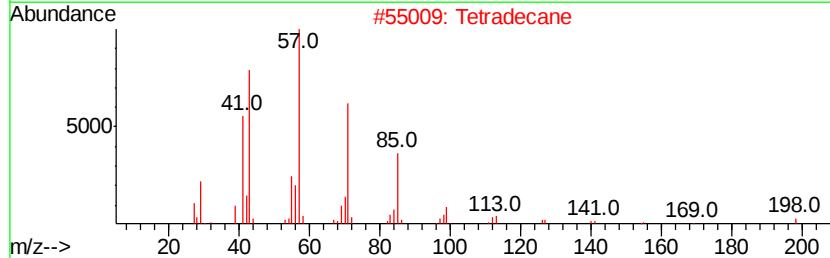
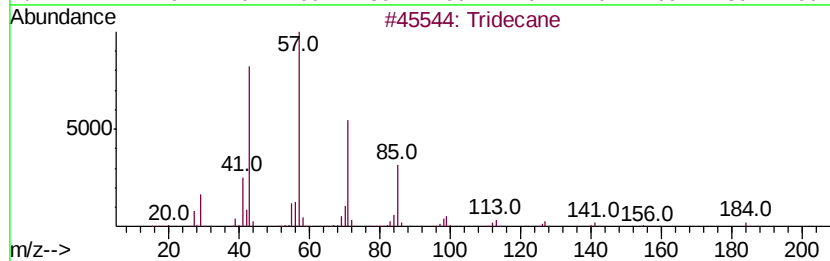
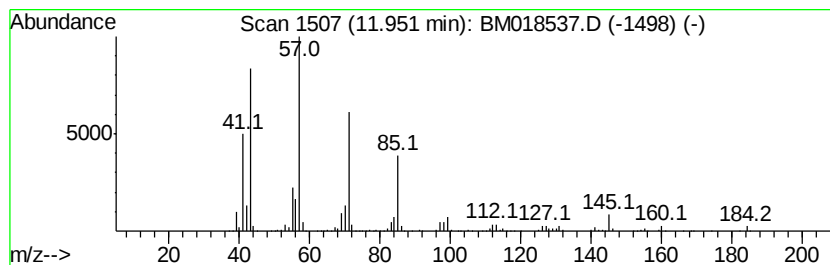
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	54.80 ng	3162620	Naphthalene-d8	10.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane	170	C12H26	000112-40-3	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
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Sample : K1119-01
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ALS Vial : 3 Sample Multiplier: 1

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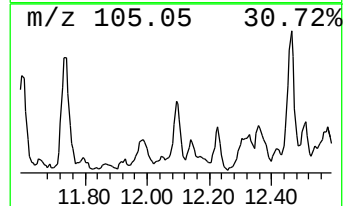
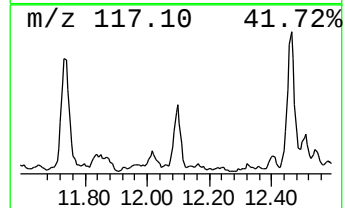
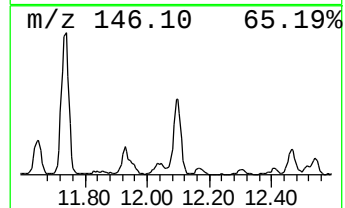
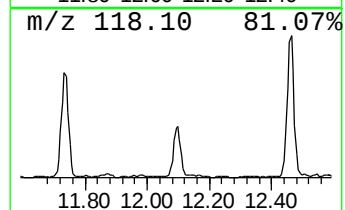
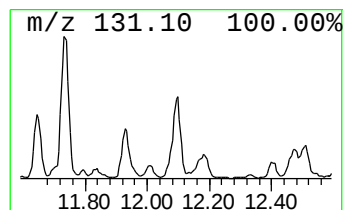
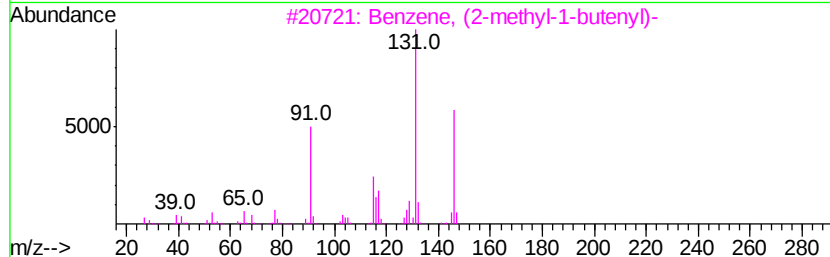
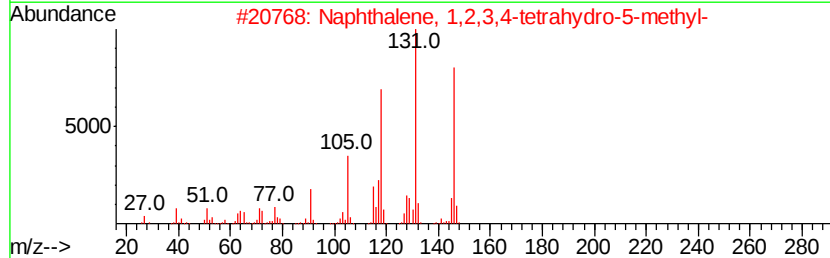
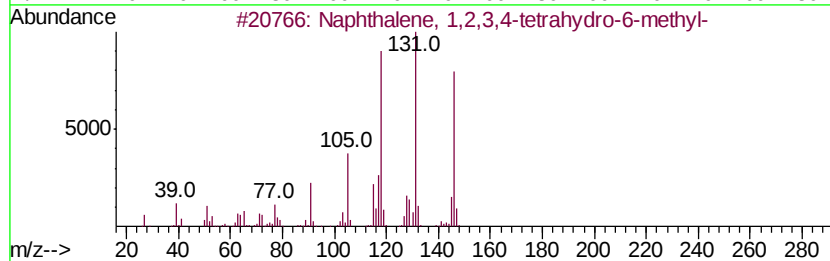
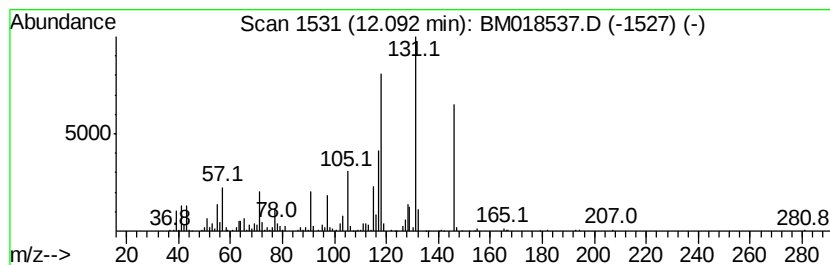
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	12.84 ng	741046	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	90
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	47
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
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Sample : K1119-01
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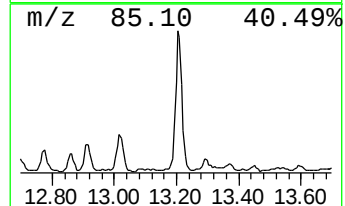
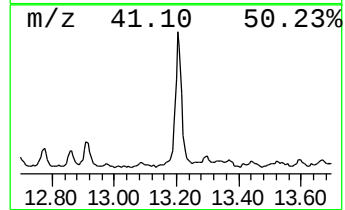
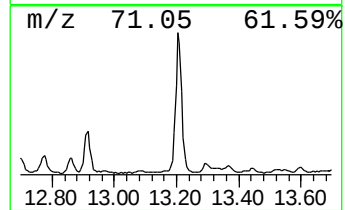
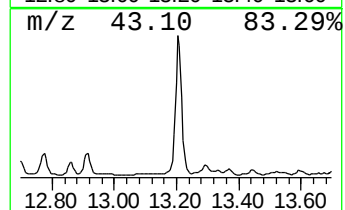
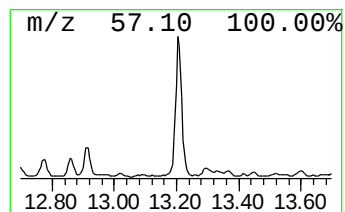
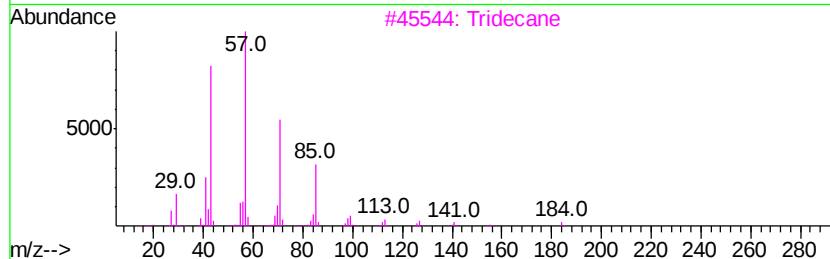
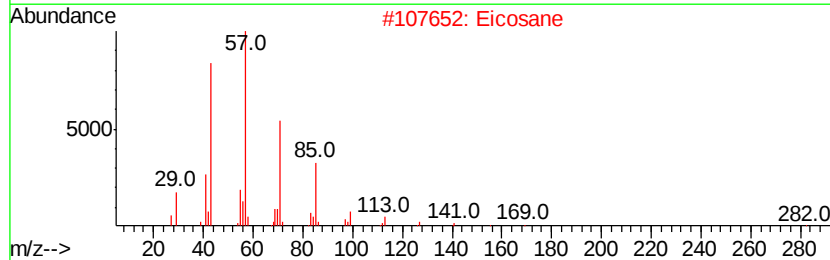
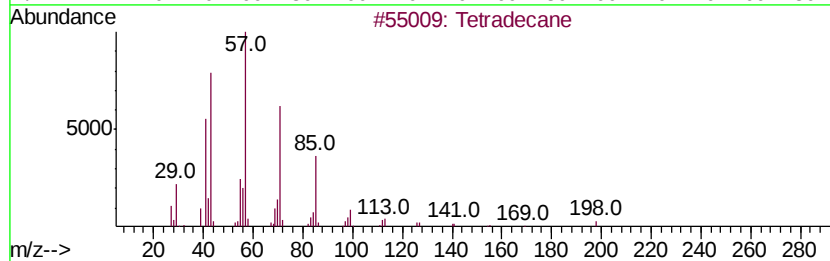
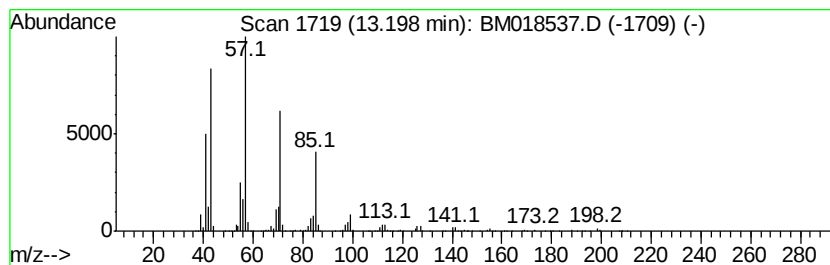
Instrument :
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ClientSampleId :
DS-A

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 8 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	40.92 ng	4041830	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 97
2		Eicosane	282 C20H42	000112-95-8 91
3		Tridecane	184 C13H28	000629-50-5 90
4		Tridecane, 7-propyl-	226 C16H34	055045-09-5 80
5		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
Operator : JU/SJ
Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-A

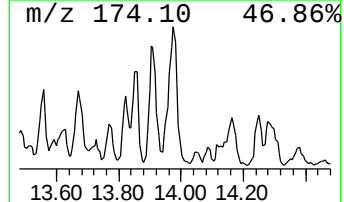
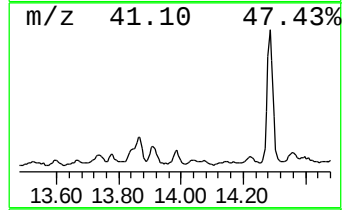
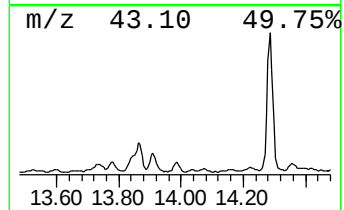
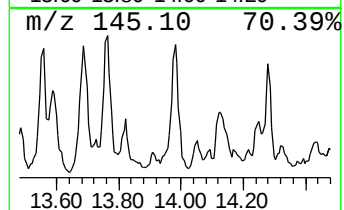
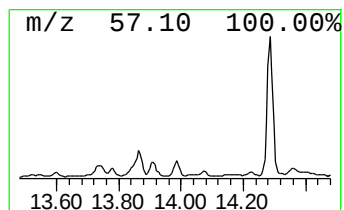
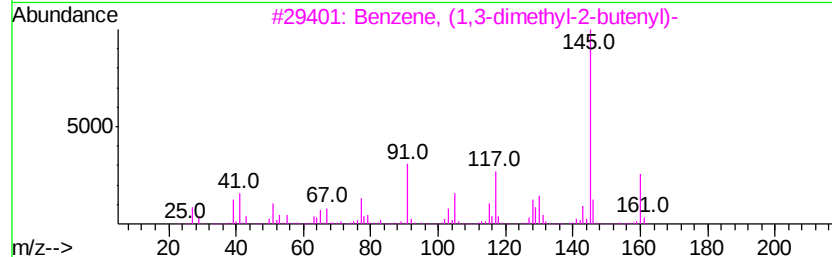
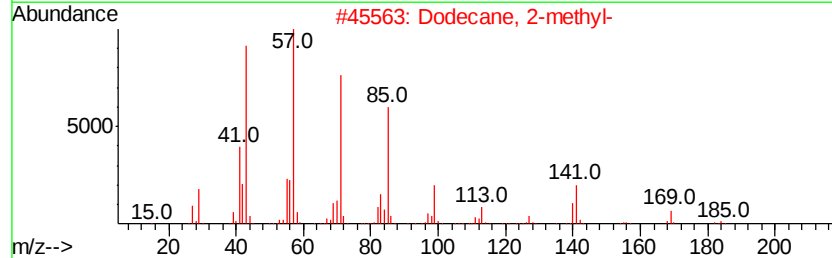
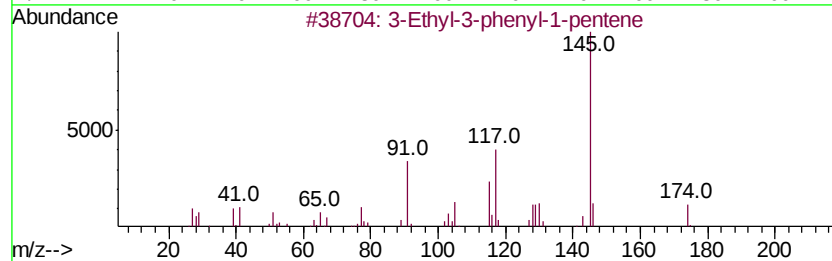
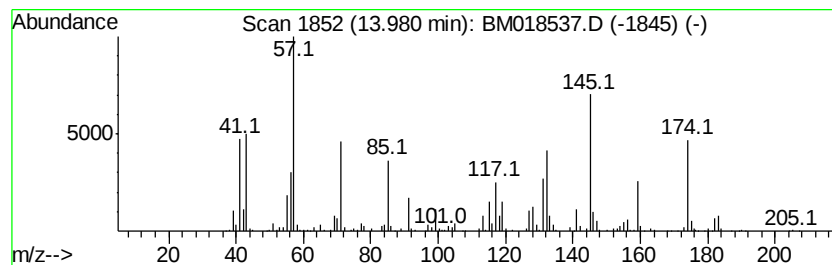
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown13.98 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	12.32 ng	1216810	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	35
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	25
3		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	18
4		Undecane	156	C11H24	001120-21-4	11
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
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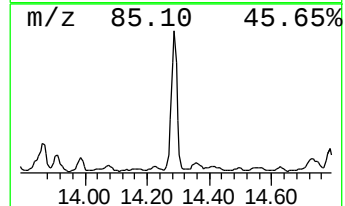
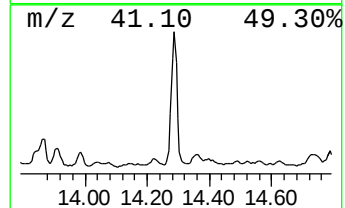
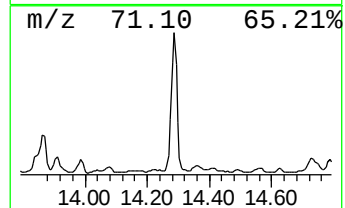
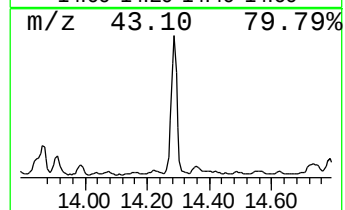
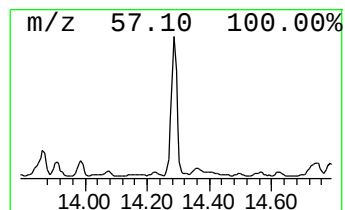
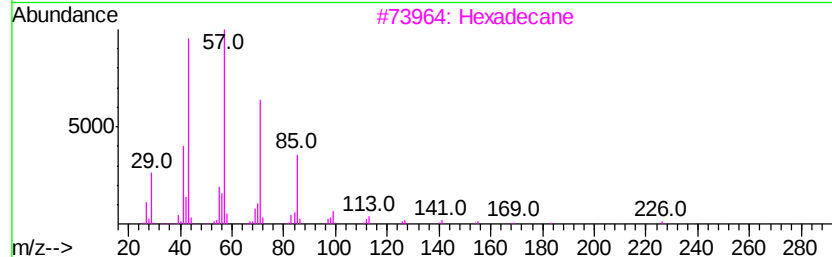
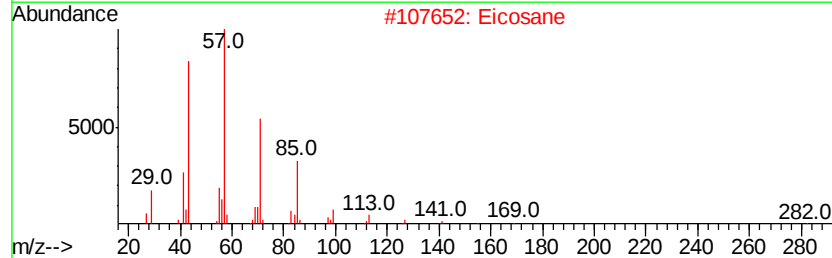
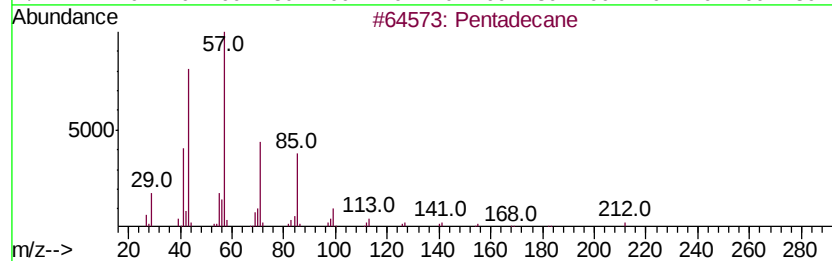
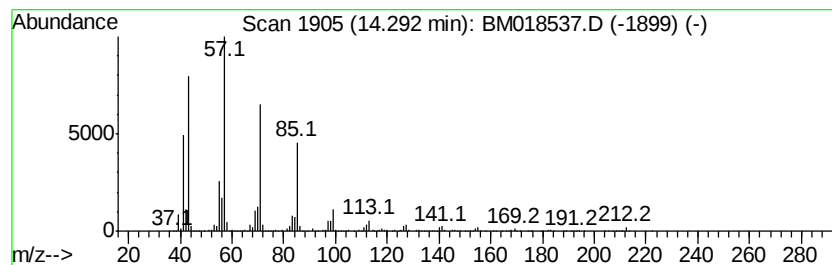
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	43.21 ng	4268240	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	94
2	Eicosane	282 C20H42	000112-95-8	91
3	Hexadecane	226 C16H34	000544-76-3	91
4	Tetradecane	198 C14H30	000629-59-4	91
5	Tridecane	184 C13H28	000629-50-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
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Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-A

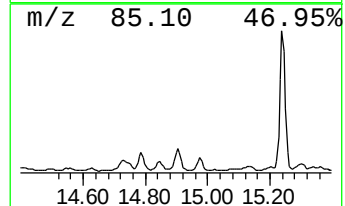
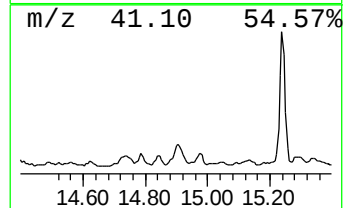
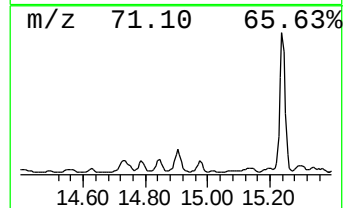
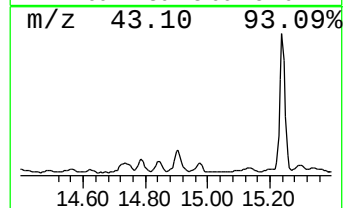
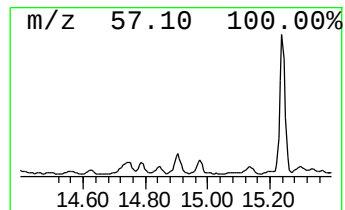
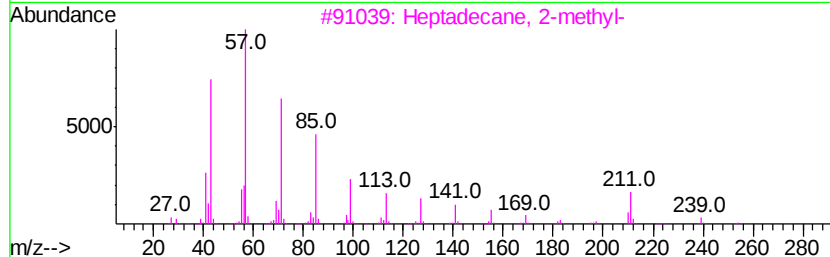
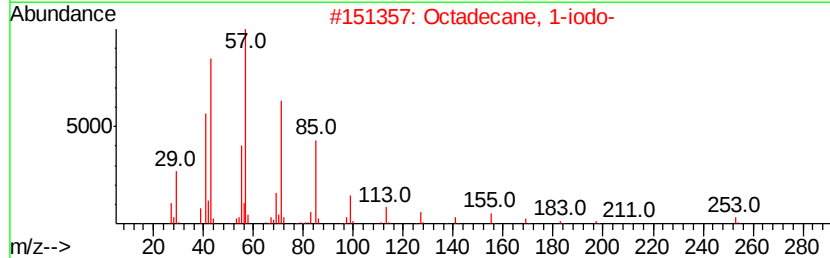
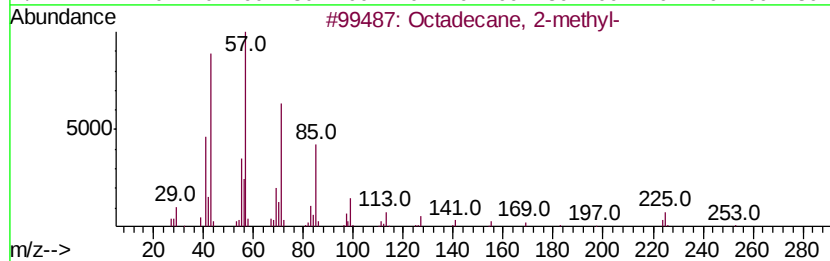
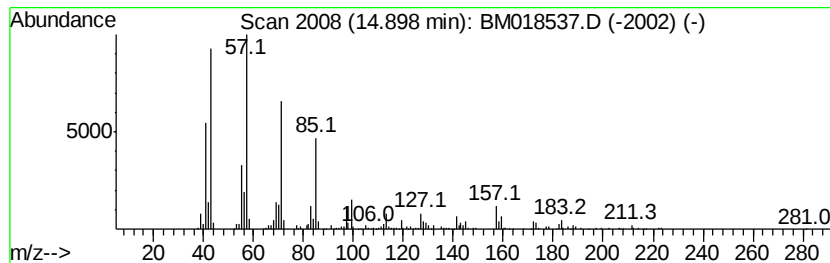
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	13.84 ng	1367420	Acenaphthene-d10	14.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
3		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5		10-Methylnonadecane	282	C20H42	056862-62-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
Operator : JU/SJ
Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-A

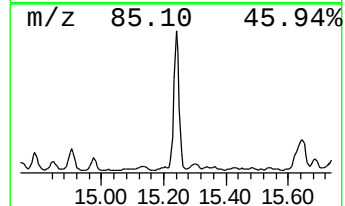
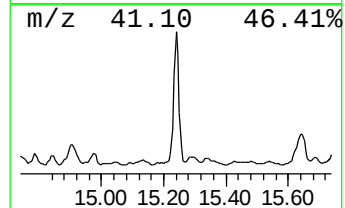
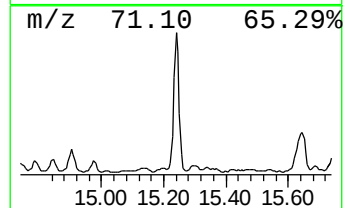
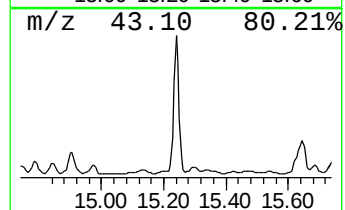
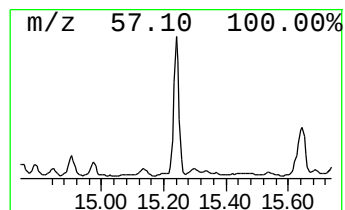
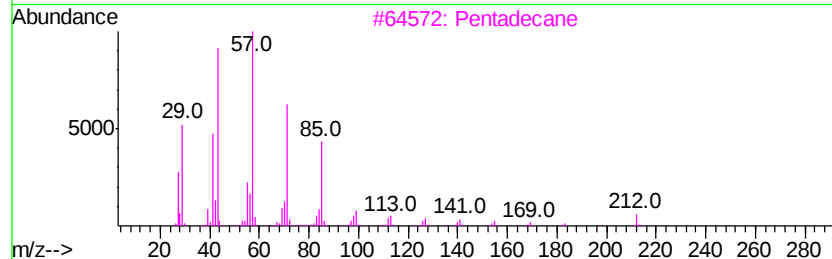
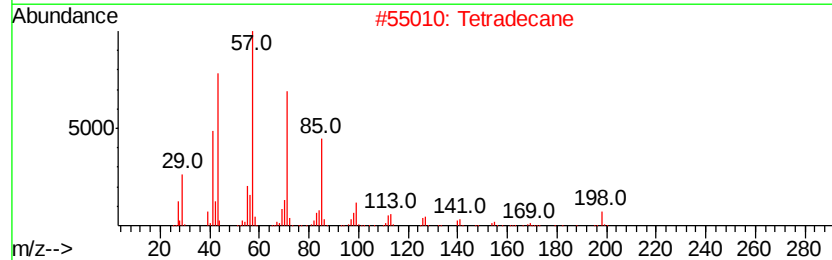
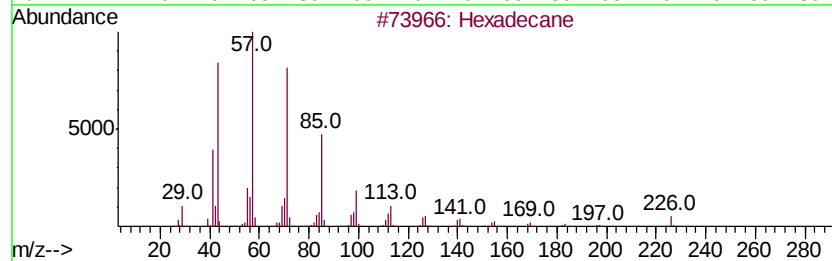
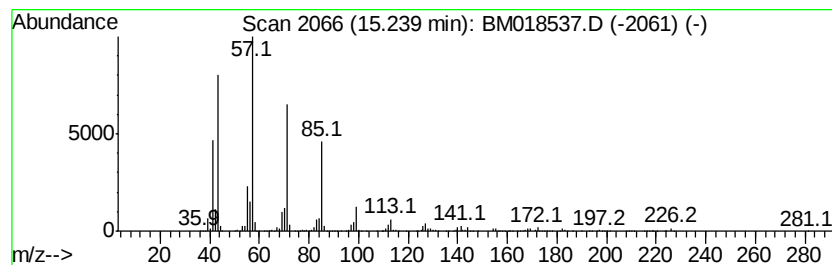
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	45.44 ng	4488090	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
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Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-A

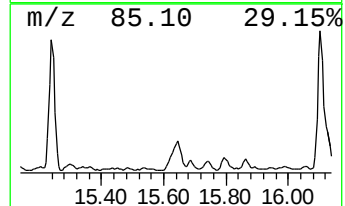
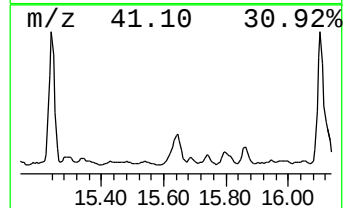
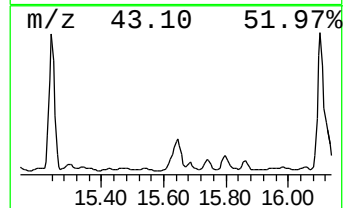
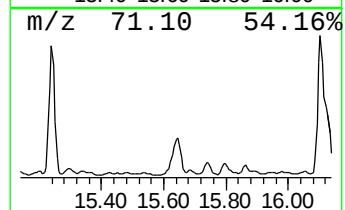
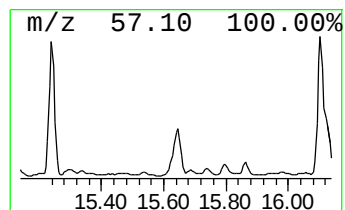
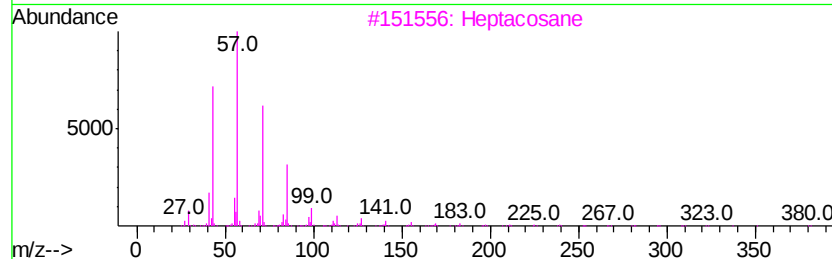
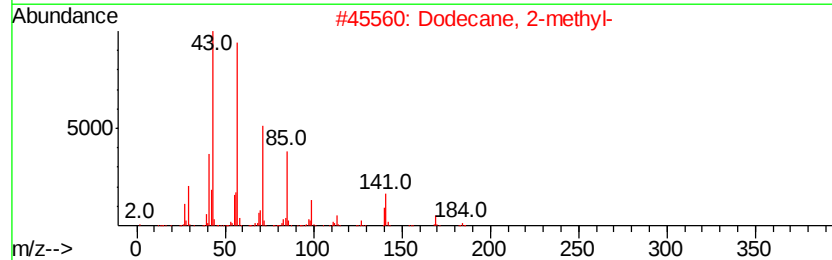
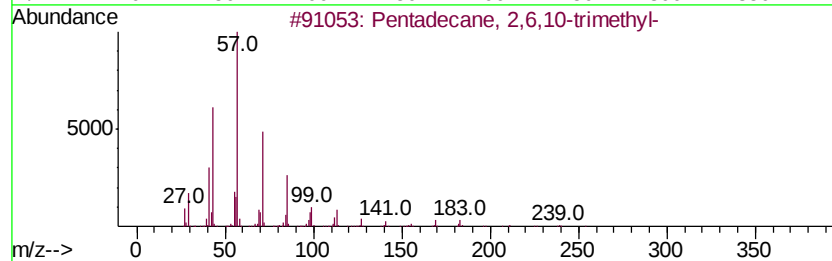
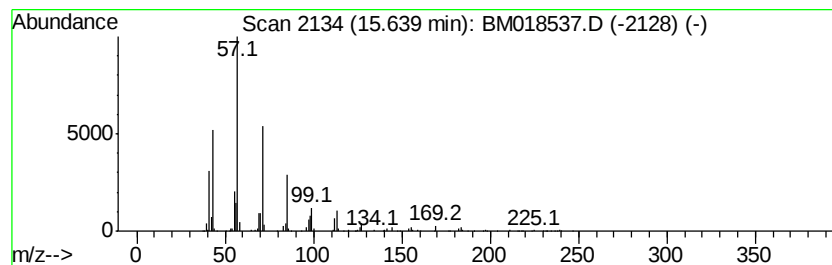
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	17.96 ng	1774000	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		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Pentadecane	212	C15H32	000629-62-9	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
Operator : JU/SJ
Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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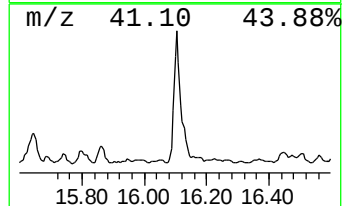
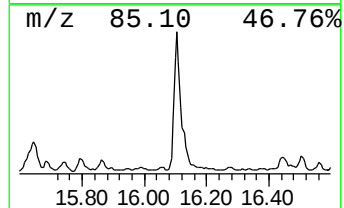
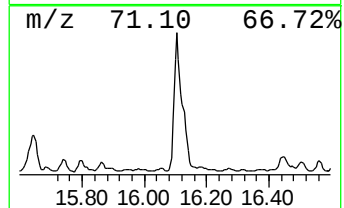
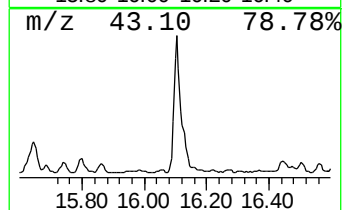
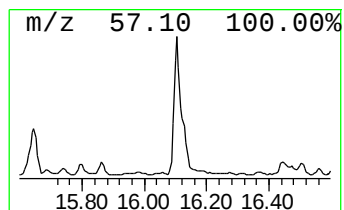
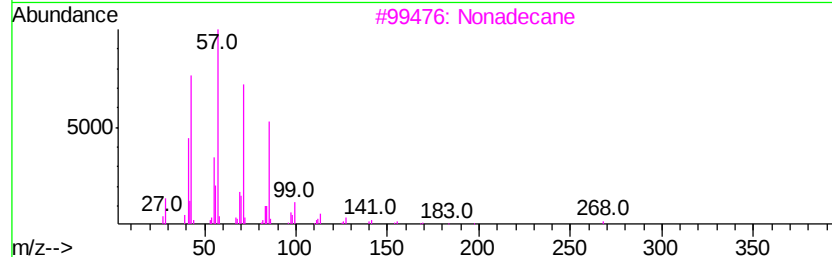
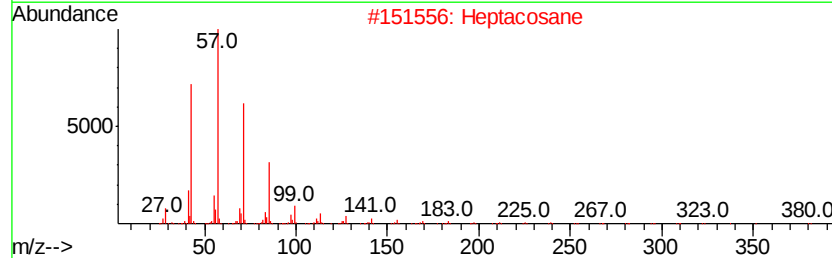
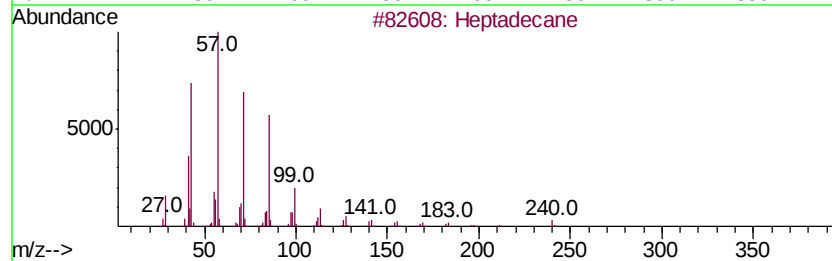
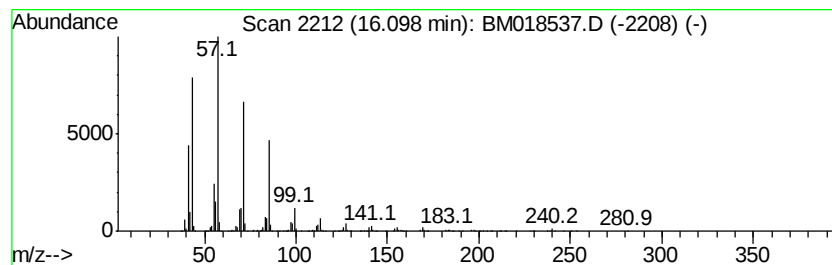
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	52.33 ng	6569420	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Heptacosane		380	C27H56	000593-49-7	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Tetradecane		198	C14H30	000629-59-4	91
5	Pentadecane		212	C15H32	000629-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
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Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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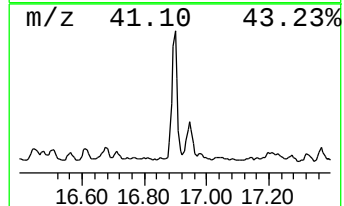
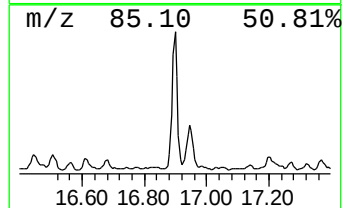
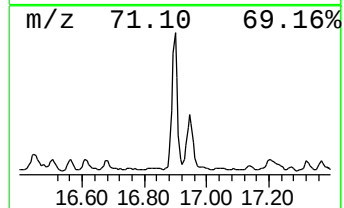
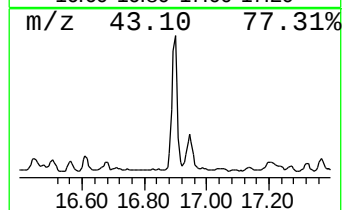
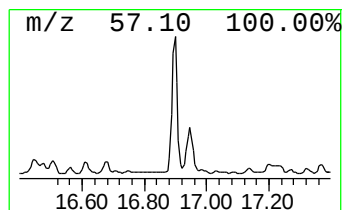
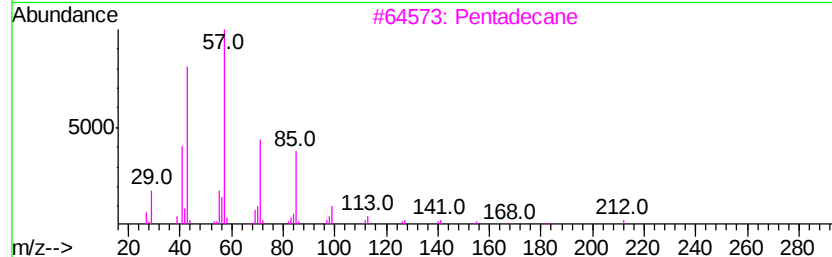
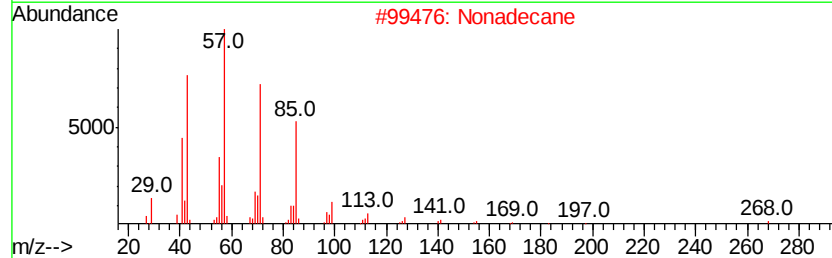
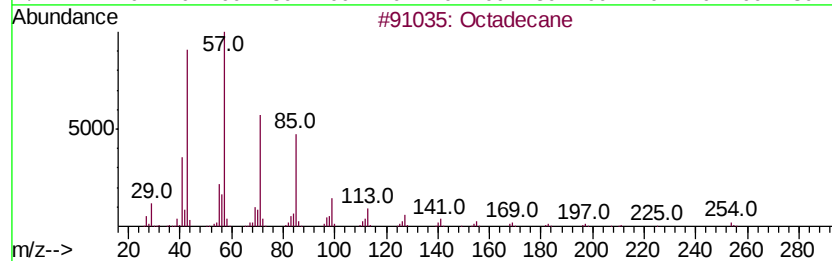
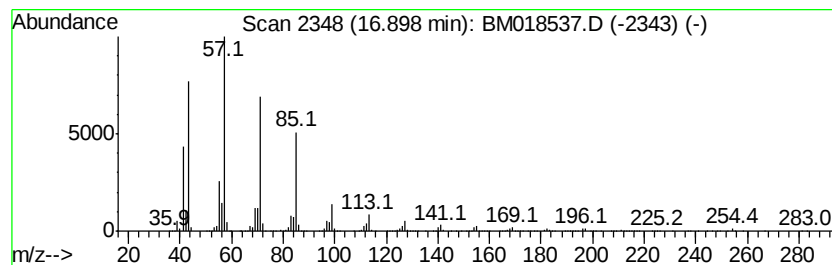
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	32.37 ng	4063790	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		Tetradecane	198	C14H30	000629-59-4	91
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
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Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DS-A

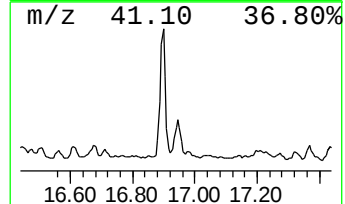
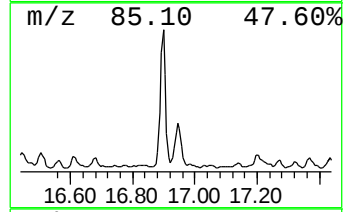
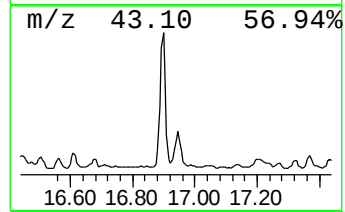
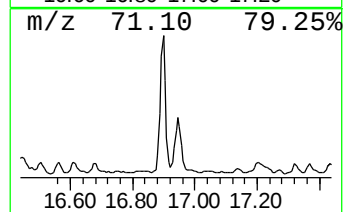
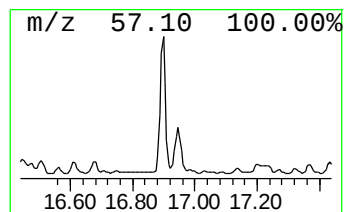
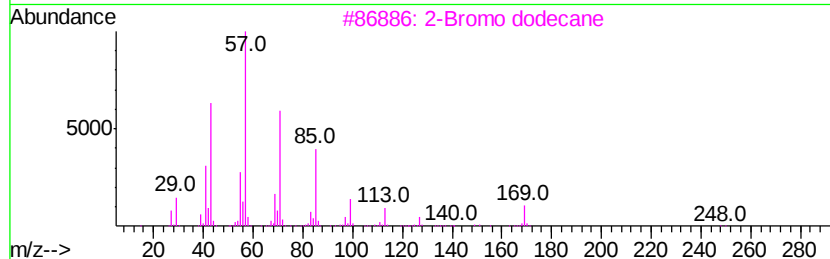
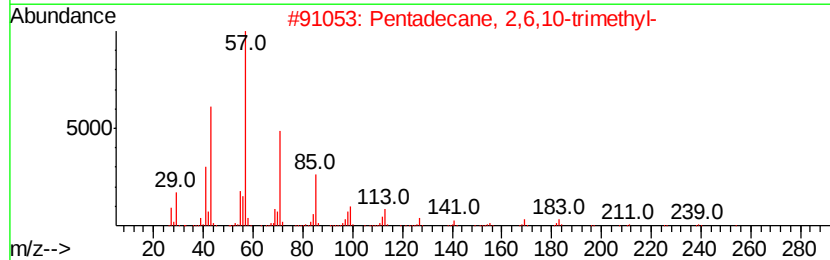
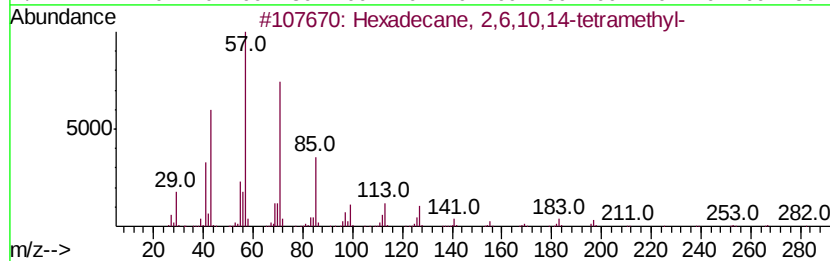
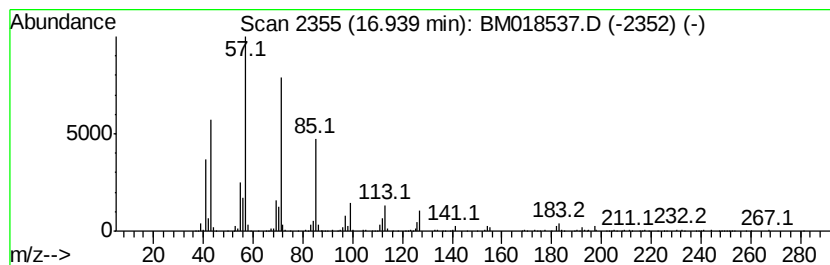
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	12.02 ng	1509480	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Tetradecane	198	C14H30	000629-59-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
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Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DS-A

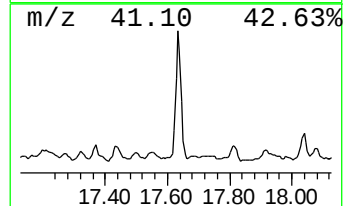
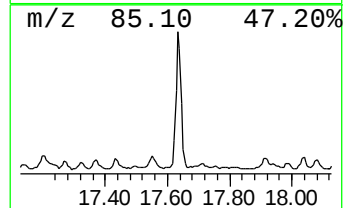
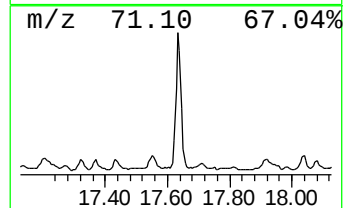
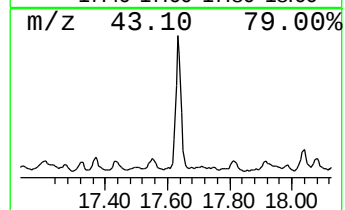
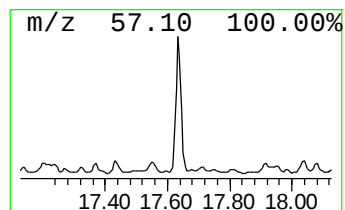
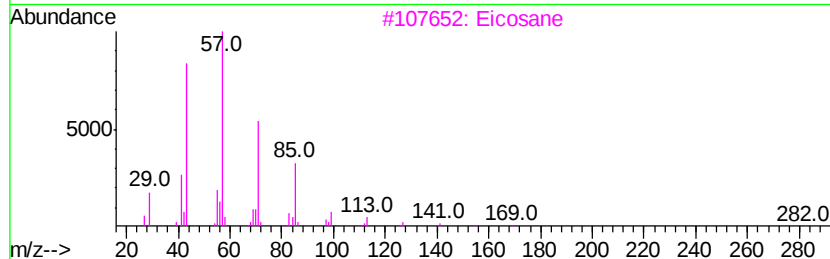
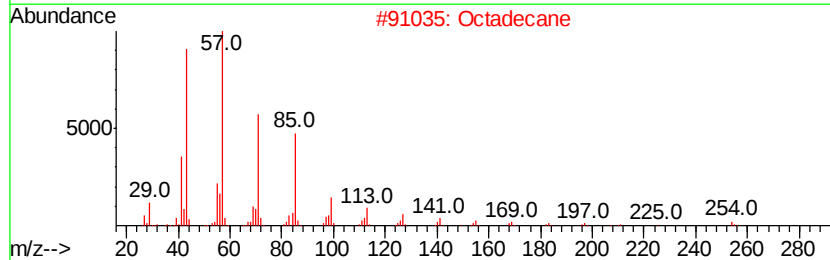
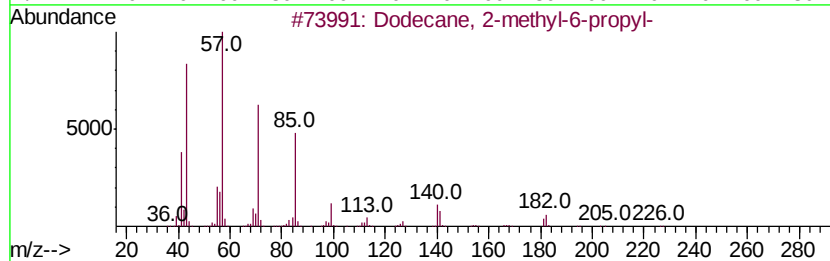
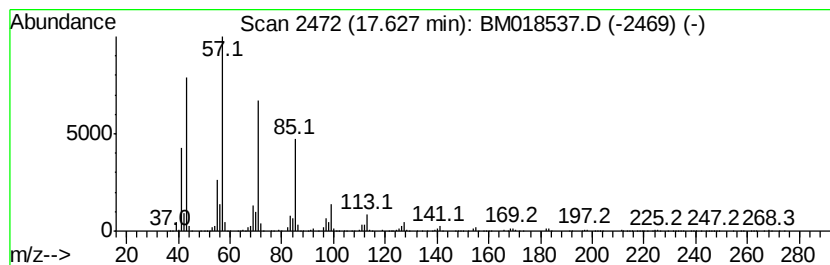
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	29.73 ng	3732250	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
Operator : JU/SJ
Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-A

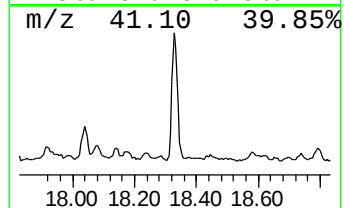
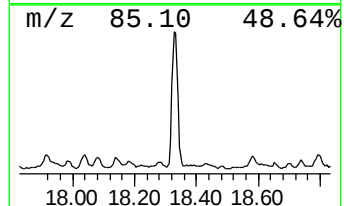
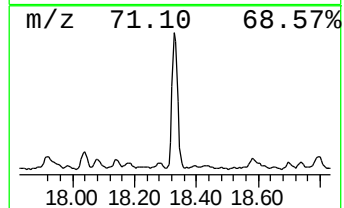
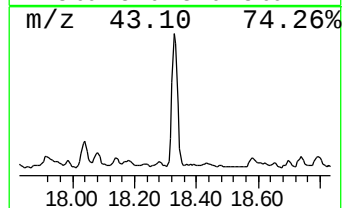
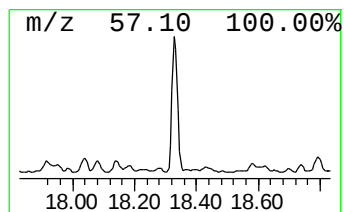
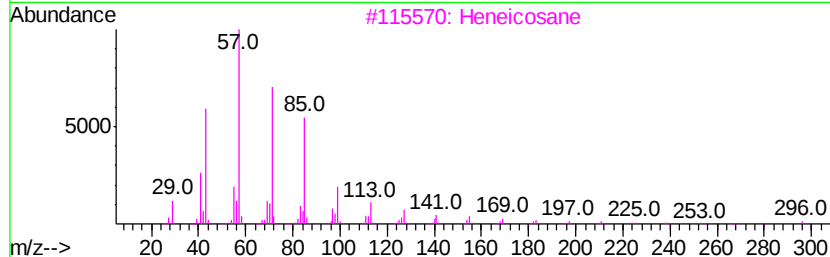
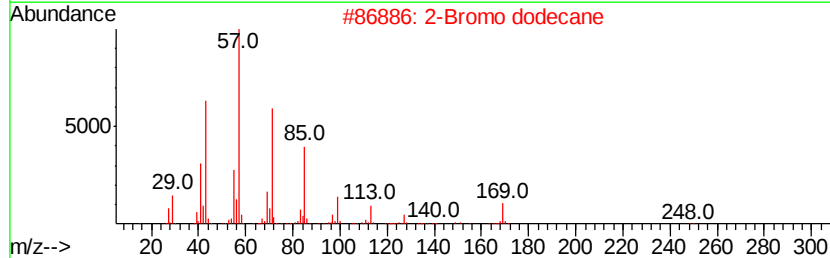
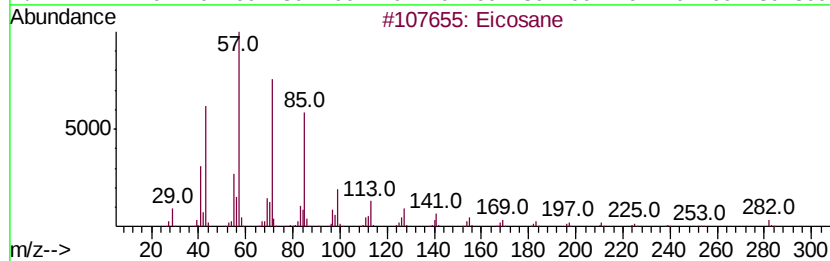
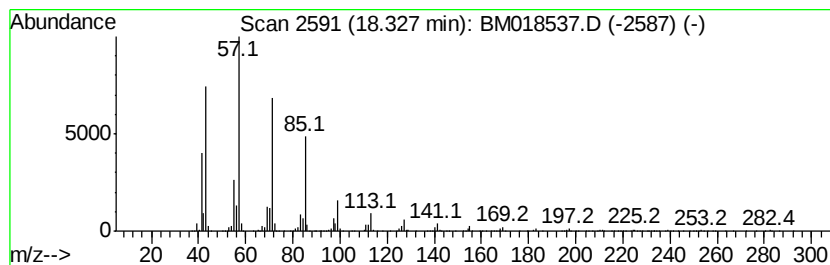
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	25.74 ng	3231680	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	96
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018537.D
Acq On : 11 Jan 2019 16:45
Operator : JU/SJ
Sample : K1119-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DS-A

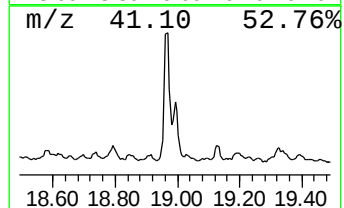
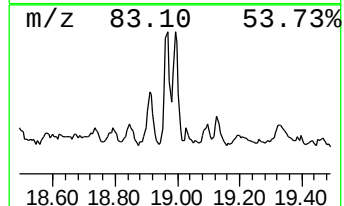
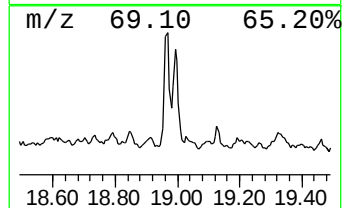
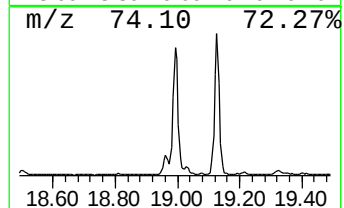
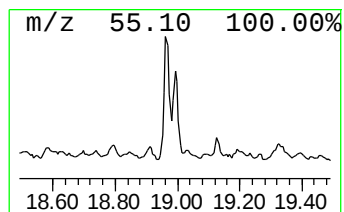
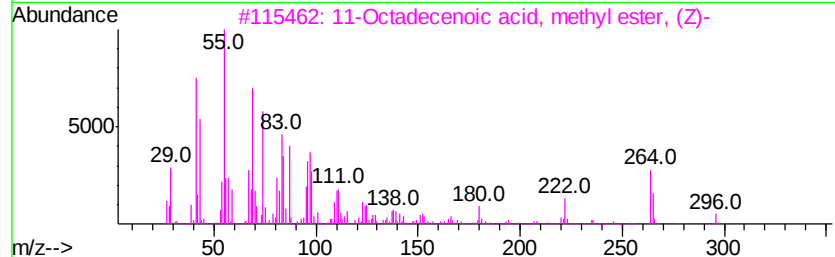
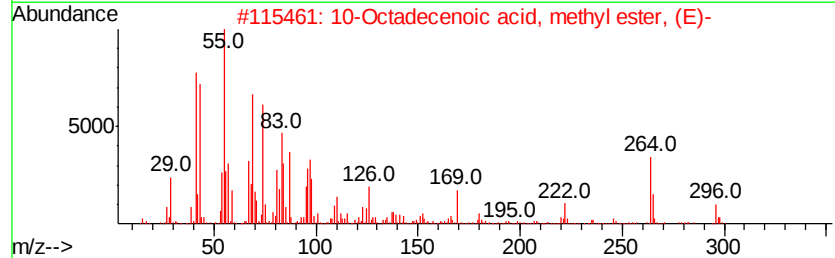
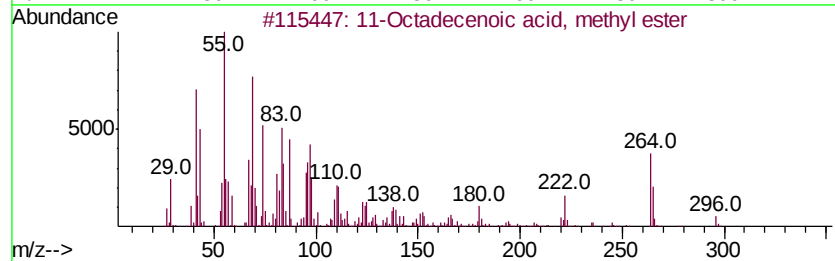
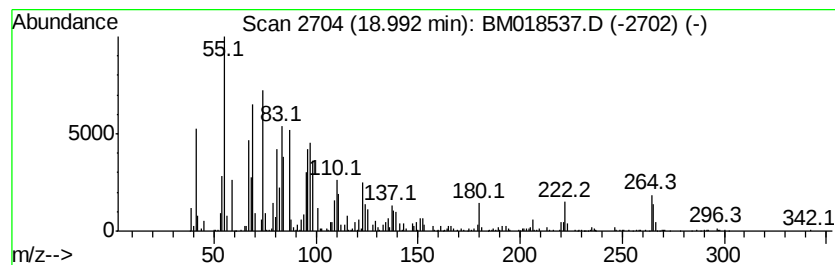
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 11-Octadecenoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	12.02 ng	1508370	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013038-45-4	94
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	94
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011119\
 Data File : BM018537.D
 Acq On : 11 Jan 2019 16:45
 Operator : JU/SJ
 Sample : K1119-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-A

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	69.0	ng	3462550	1	7.76	1003880	20.0
3-Phenylbut-1-ene	9.95	15.5	ng	893089	2	10.55	1154170	20.0
1H-Indene, 2,3-di...	11.45	15.3	ng	883896	2	10.55	1154170	20.0
Naphthalene, 1,2,...	11.73	21.0	ng	1209720	2	10.55	1154170	20.0
Tridecane	11.95	54.8	ng	3162620	2	10.55	1154170	20.0
Naphthalene, 1,2,...	12.09	12.8	ng	741046	2	10.55	1154170	20.0
Tetradecane	13.20	40.9	ng	4041830	3	14.40	1975600	20.0
unknown13.98	13.98	12.3	ng	1216810	3	14.40	1975600	20.0
Pentadecane	14.29	43.2	ng	4268240	3	14.40	1975600	20.0
Octadecane, 2-met...	14.90	13.8	ng	1367420	3	14.40	1975600	20.0
Hexadecane	15.24	45.4	ng	4488090	3	14.40	1975600	20.0
Pentadecane, 2,6,...	15.64	18.0	ng	1774000	3	14.40	1975600	20.0
Heptadecane	16.10	52.3	ng	6569420	4	17.15	2510640	20.0
Octadecane	16.90	32.4	ng	4063790	4	17.15	2510640	20.0
Hexadecane, 2,6,1...	16.94	12.0	ng	1509480	4	17.15	2510640	20.0
Dodecane, 2-methy...	17.63	29.7	ng	3732250	4	17.15	2510640	20.0
Eicosane	18.33	25.7	ng	3231680	4	17.15	2510640	20.0
11-Octadecenoic a...	18.99	12.0	ng	1508370	4	17.15	2510640	20.0