

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
 Data File : BF117209.D
 Acq On : 23 Sep 2019 17:13
 Operator : HP/JU
 Sample : K4964-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	566	569	583	rBV	590928	602233	31.59%	2.843%
2	6.457	738	743	757	rBV	690180	709089	37.20%	3.347%
3	6.587	761	765	768	rBV	852817	703472	36.90%	3.321%
4	6.810	800	803	813	rBB	219322	177373	9.31%	0.837%
5	6.969	826	830	833	rBV	656555	512191	26.87%	2.418%
6	7.375	895	899	902	rBV	455754	389889	20.45%	1.840%
7	8.092	1018	1021	1029	rBV	269894	223747	11.74%	1.056%
8	8.710	1123	1126	1134	rVB	116617	95876	5.03%	0.453%
9	9.169	1200	1204	1207	rBV	1072491	807760	42.38%	3.813%
10	9.557	1268	1270	1277	rVB	87851	81093	4.25%	0.383%
11	9.845	1316	1319	1323	rBV	331895	267382	14.03%	1.262%
12	10.639	1450	1454	1461	rBV	457721	454583	23.85%	2.146%
13	11.004	1509	1516	1519	rBV3	49085	109118	5.72%	0.515%
14	11.333	1568	1572	1574	rBV	284146	244189	12.81%	1.153%
15	11.357	1574	1576	1580	rVB	93930	76033	3.99%	0.359%
16	11.410	1582	1585	1587	rBV	31242	28625	1.50%	0.135%
17	11.574	1610	1613	1616	rBV4	22853	34491	1.81%	0.163%
18	11.674	1626	1630	1634	rVB5	19565	24779	1.30%	0.117%
19	11.886	1653	1666	1669	rBV	872015	1476195	77.44%	6.968%
20	11.945	1673	1676	1679	rVB2	41805	43136	2.26%	0.204%
21	12.410	1748	1755	1759	rBV8	35623	92539	4.85%	0.437%
22	12.469	1763	1765	1769	rVB2	28496	30051	1.58%	0.142%
23	12.545	1774	1778	1781	rBV	233921	254638	13.36%	1.202%
24	12.674	1790	1800	1812	rBV	1183309	1906198	100.00%	8.998%
25	12.774	1812	1817	1821	rVV	203592	213046	11.18%	1.006%
26	12.880	1823	1835	1836	rVV	421482	920754	48.30%	4.346%
27	12.916	1838	1841	1848	rVB	910698	1007583	52.86%	4.756%
28	13.098	1866	1872	1876	rBV3	25095	51620	2.71%	0.244%
29	13.210	1888	1891	1894	rVV2	25083	25956	1.36%	0.123%
30	13.486	1935	1938	1943	rVB5	47145	67589	3.55%	0.319%
31	13.615	1958	1960	1964	rBV2	24687	26014	1.36%	0.123%
32	13.745	1972	1982	1989	rBV	842847	1746245	91.61%	8.243%
33	13.810	1990	1993	1995	rBV2	63700	66699	3.50%	0.315%
34	13.945	2013	2016	2017	rBV	36458	34134	1.79%	0.161%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	13.974	2017	2021	2023	rVV2	214077	273236	14.33%	1.290%
36	13.998	2023	2025	2029	rVB	82759	76912	4.03%	0.363%
37	14.127	2043	2047	2056	rVB	275392	304571	15.98%	1.438%
38	14.374	2081	2089	2094	rBV	776435	1379287	72.36%	6.511%
39	14.433	2094	2099	2103	rVB	519283	492231	25.82%	2.324%
40	14.733	2145	2150	2154	rVB	709337	775537	40.69%	3.661%
41	14.804	2160	2162	2166	rVB	53827	56381	2.96%	0.266%
42	14.921	2176	2182	2191	rVB	538214	831022	43.60%	3.923%
43	15.010	2193	2197	2201	rVV	102402	165030	8.66%	0.779%
44	15.068	2202	2207	2211	rVB	682261	805377	42.25%	3.802%
45	15.304	2245	2247	2254	rVB	62829	72030	3.78%	0.340%
46	15.368	2254	2258	2263	rVV	96337	132479	6.95%	0.625%
47	15.433	2263	2269	2280	rVV2	626176	915556	48.03%	4.322%
48	15.533	2280	2286	2294	rVB	150936	317054	16.63%	1.497%
49	15.857	2335	2341	2348	rBV	297890	456332	23.94%	2.154%
50	16.098	2379	2382	2385	rBV5	18100	21753	1.14%	0.103%
51	16.251	2404	2408	2415	rVB2	54079	109497	5.74%	0.517%
52	16.345	2418	2424	2431	rVB2	129052	237764	12.47%	1.122%
53	16.521	2451	2454	2460	rVB7	16122	28691	1.51%	0.135%
54	16.886	2509	2516	2517	rBV2	34001	67348	3.53%	0.318%
55	17.092	2547	2551	2558	rVB8	35800	75051	3.94%	0.354%
56	17.309	2584	2588	2596	rVB3	21410	45487	2.39%	0.215%
57	17.592	2631	2636	2641	rVB7	19008	41060	2.15%	0.194%

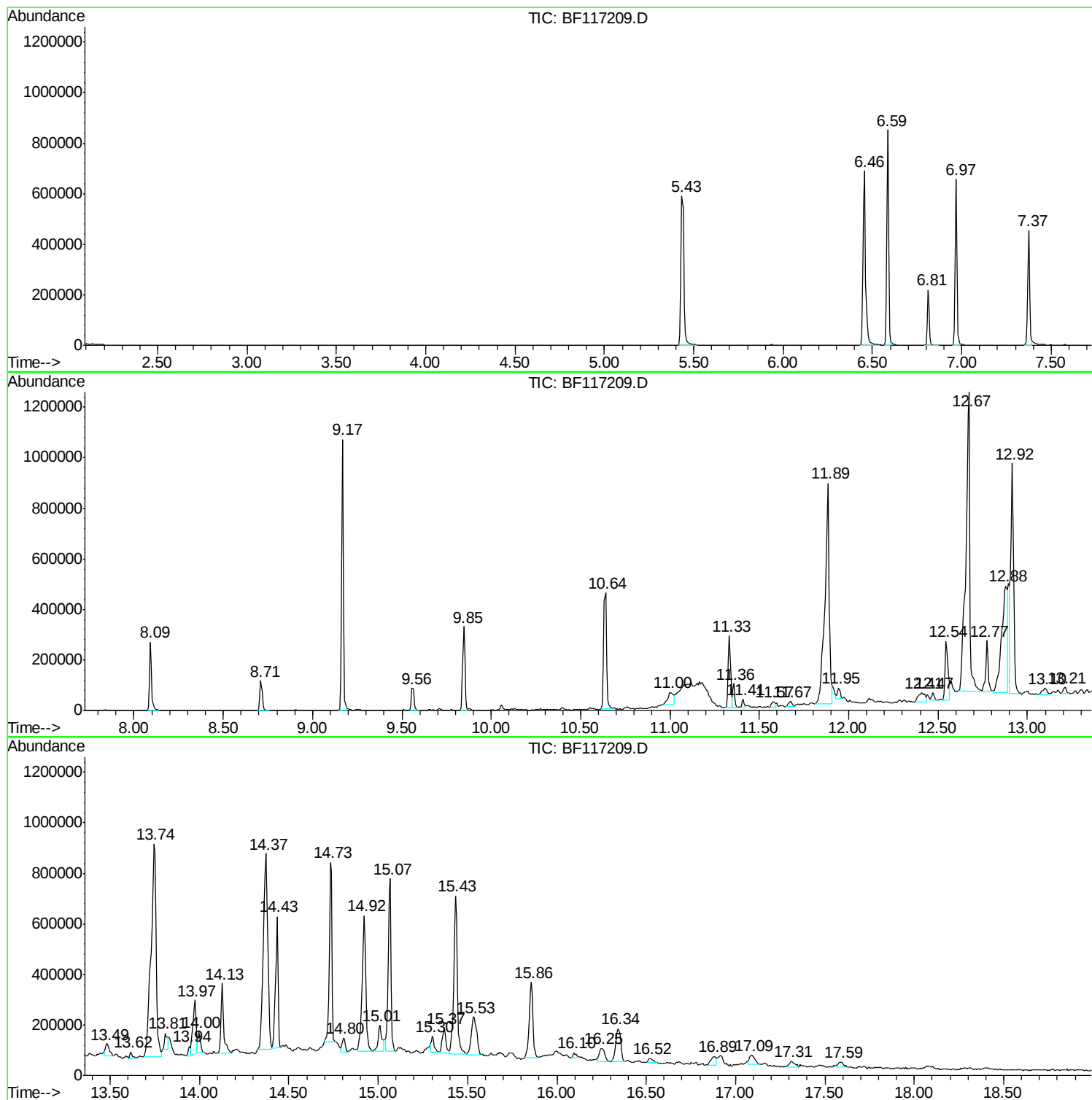
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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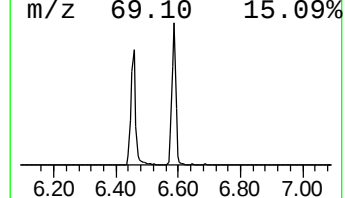
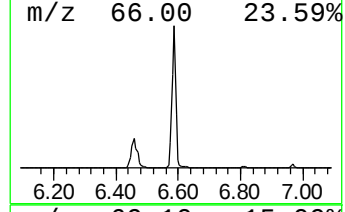
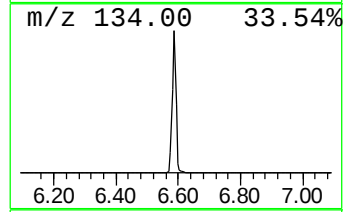
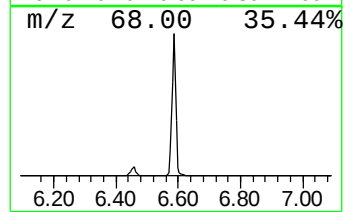
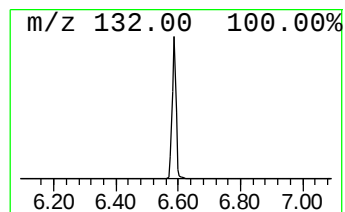
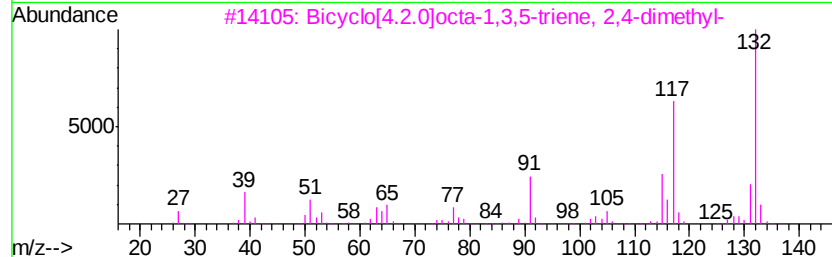
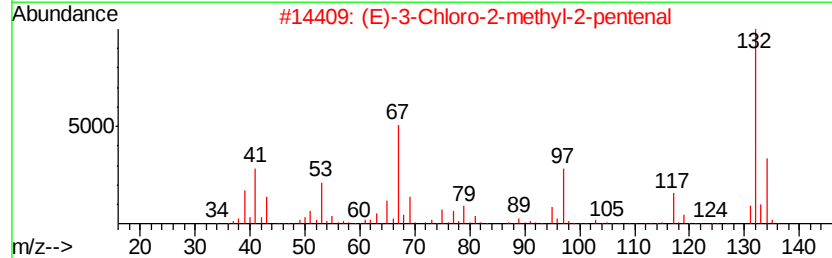
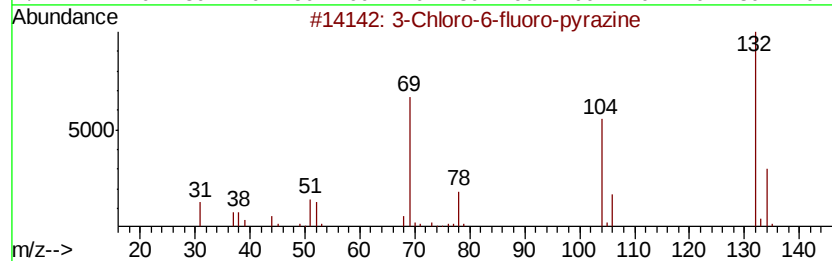
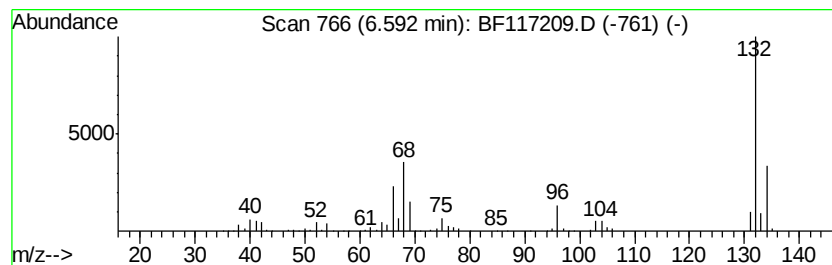
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	79.32 ng	703472	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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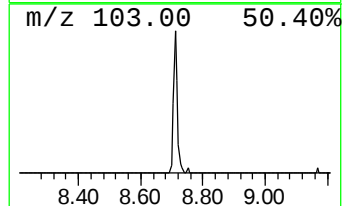
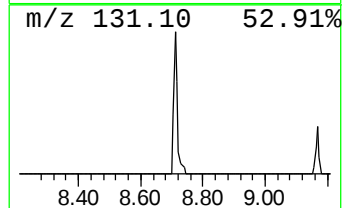
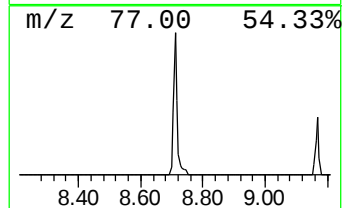
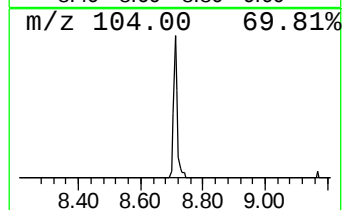
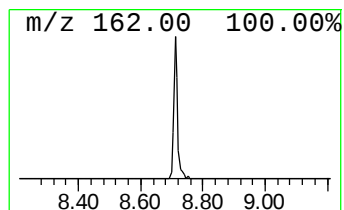
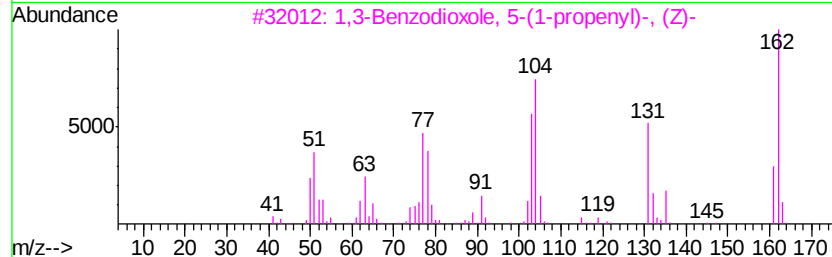
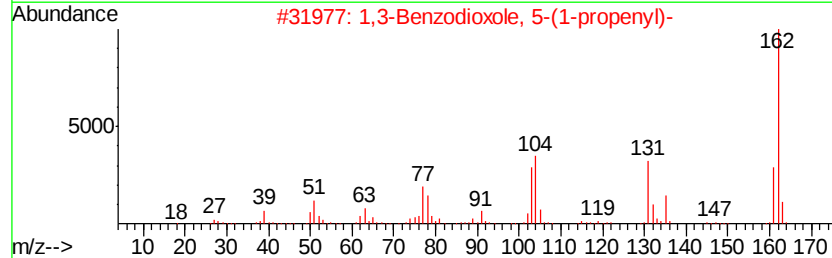
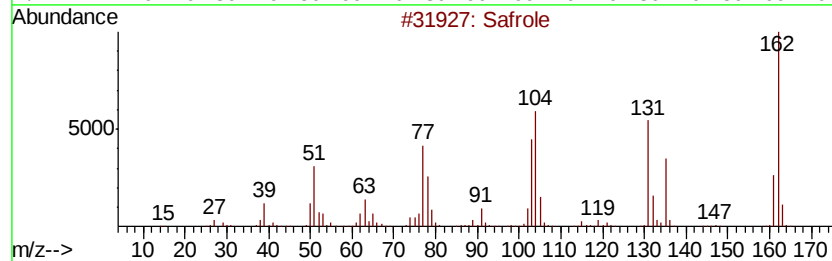
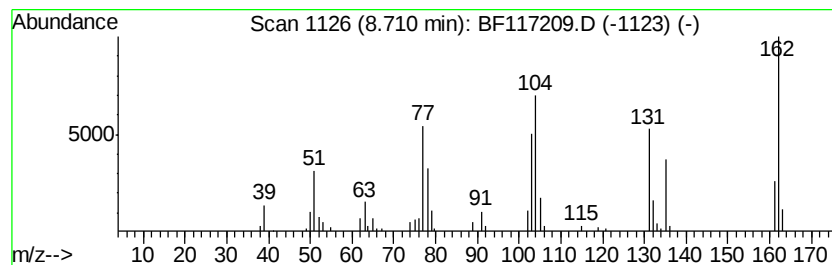
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Safrole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	8.57 ng	95876	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Safrole	162	C10H10O2	000094-59-7	99
2		1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	95
3		1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	91
4		Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	91
5		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	52



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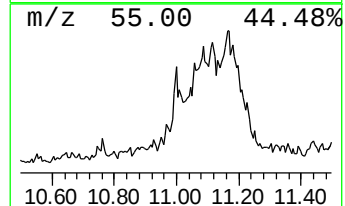
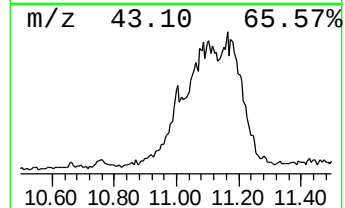
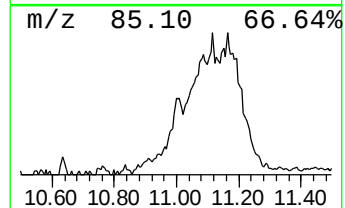
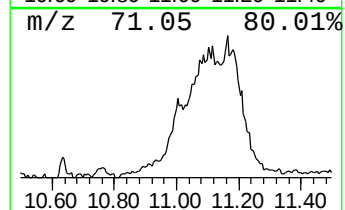
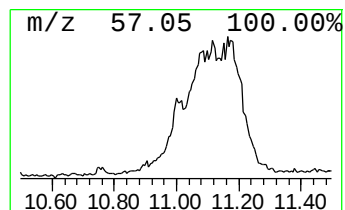
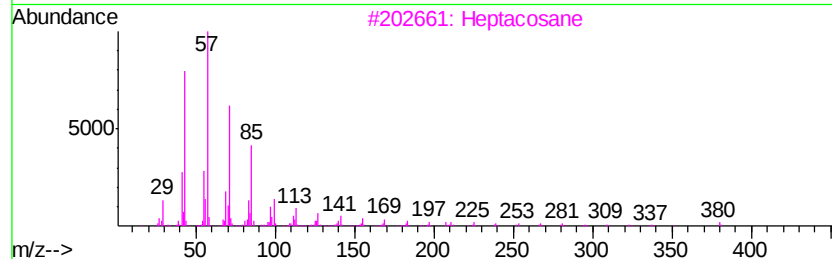
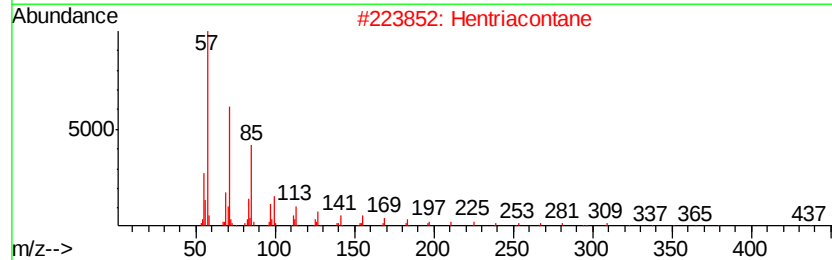
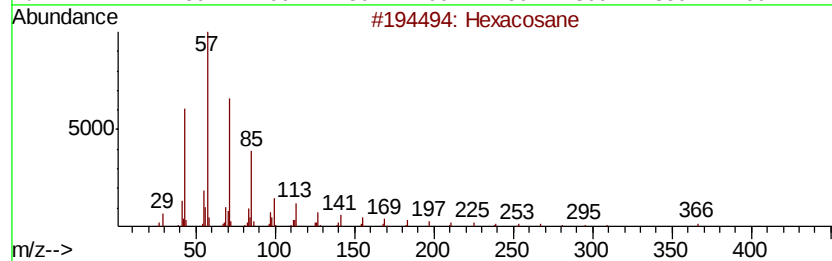
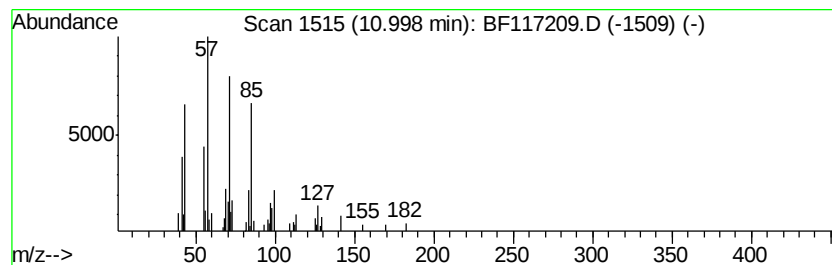
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	8.94 ng	109118	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	83
2	Hentriacontane		437	C31H64	000630-04-6	83
3	Heptacosane		380	C27H56	000593-49-7	83
4	Pentacosane		352	C25H52	000629-99-2	80
5	Octacosane		394	C28H58	000630-02-4	80



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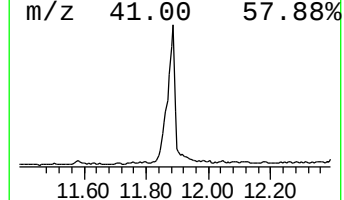
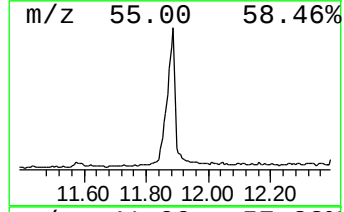
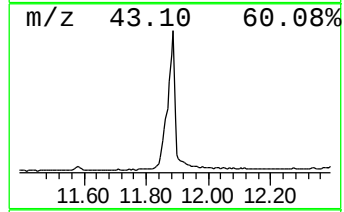
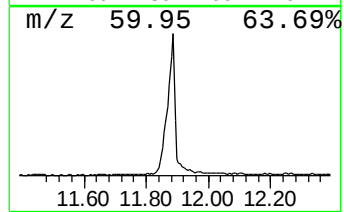
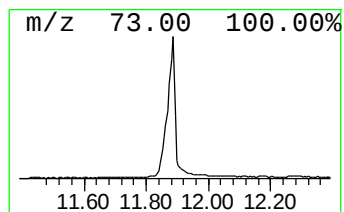
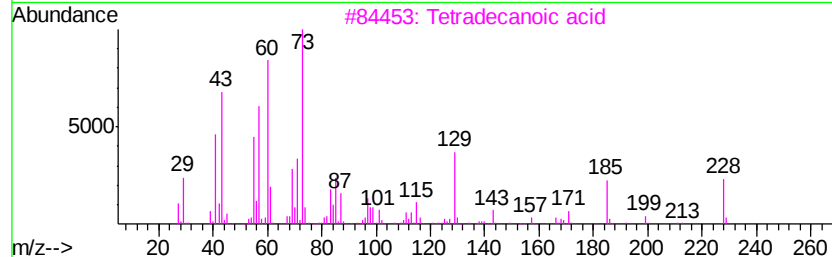
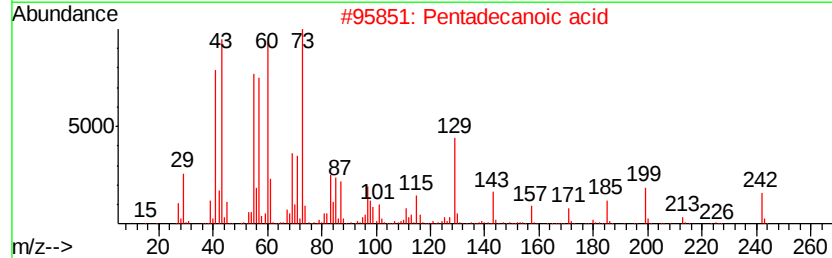
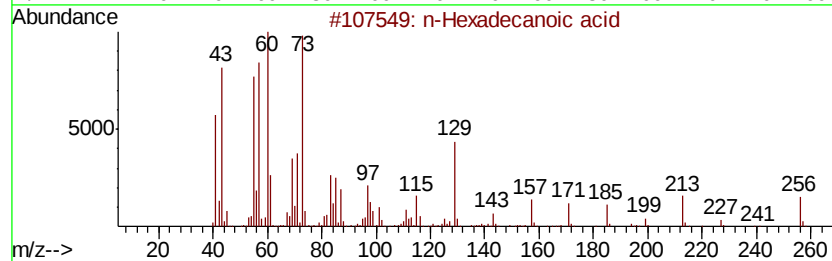
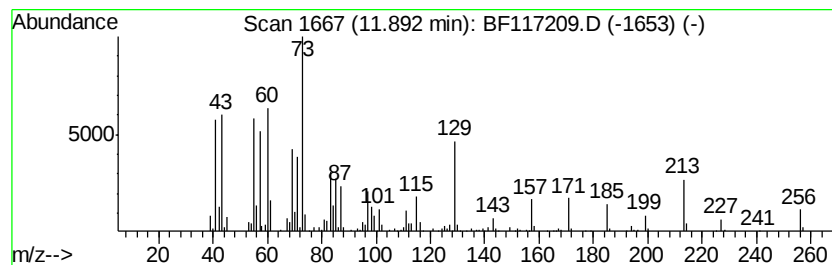
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	120.91 ng	1476200	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Dodecanoic acid	200	C12H24O2	000143-07-7	58
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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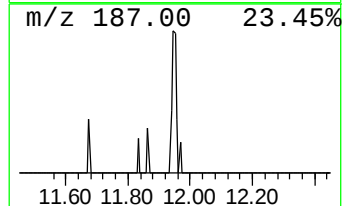
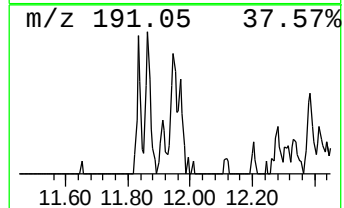
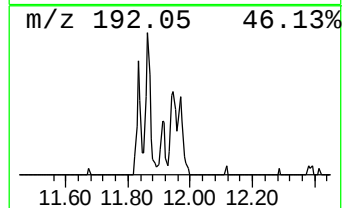
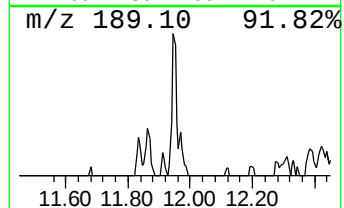
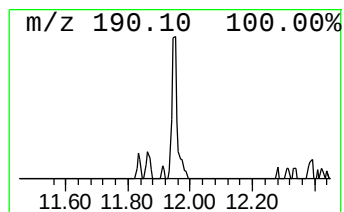
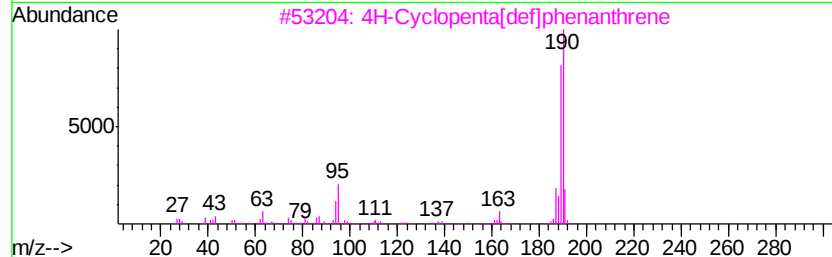
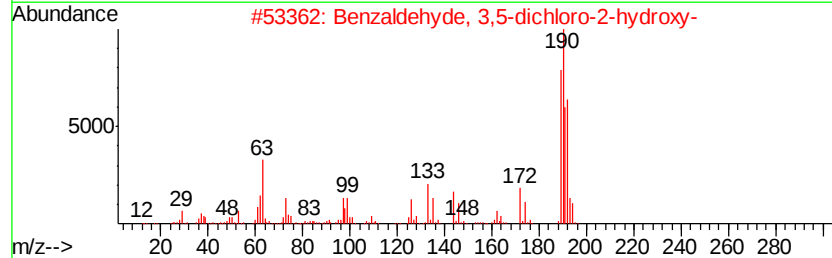
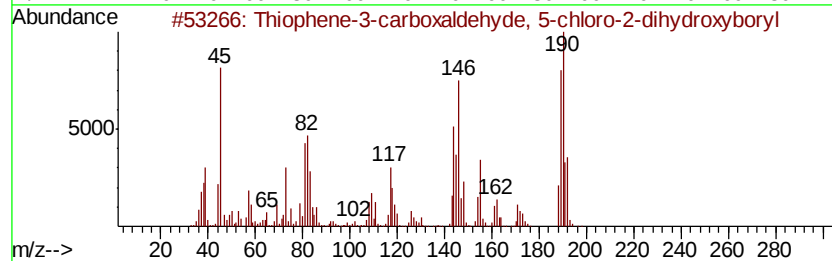
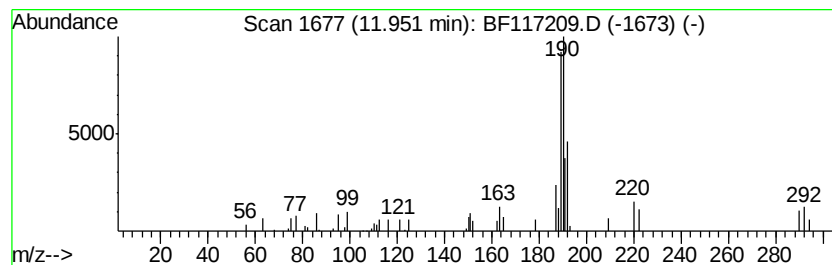
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Thiophene-3-carboxaldehyde,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.53 ng	43136	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	49
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4		1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	38
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117209.D
Acq On : 23 Sep 2019 17:13
Operator : HP/JU
Sample : K4964-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

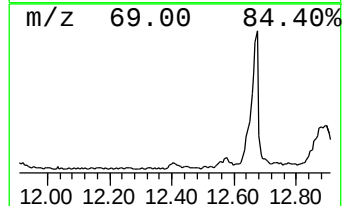
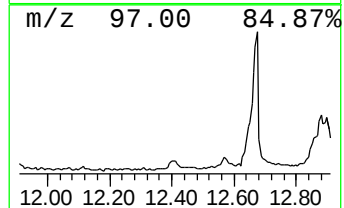
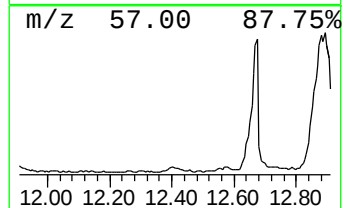
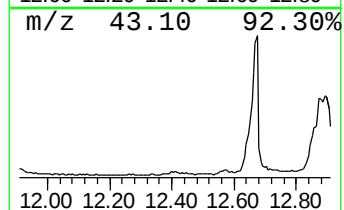
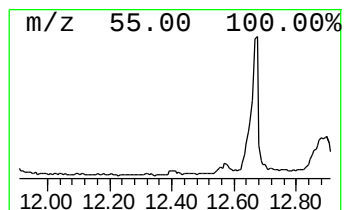
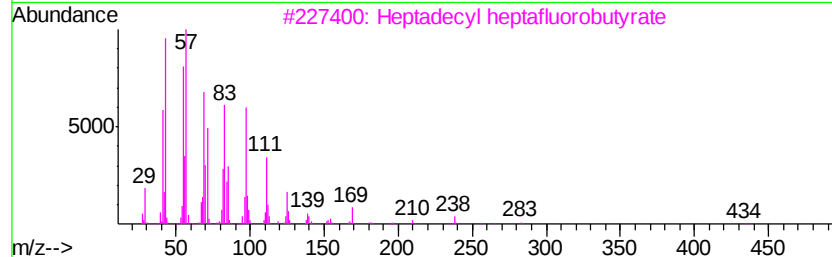
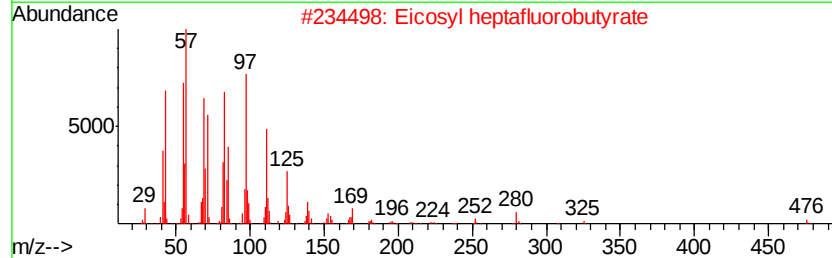
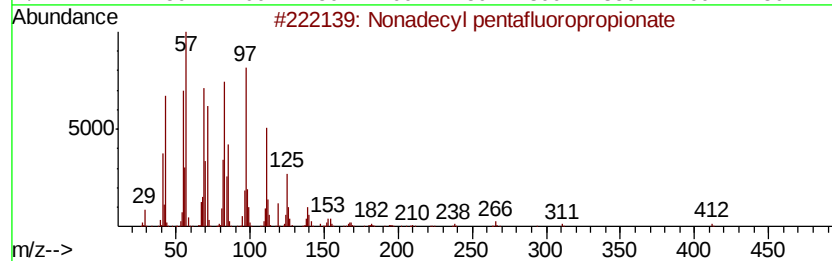
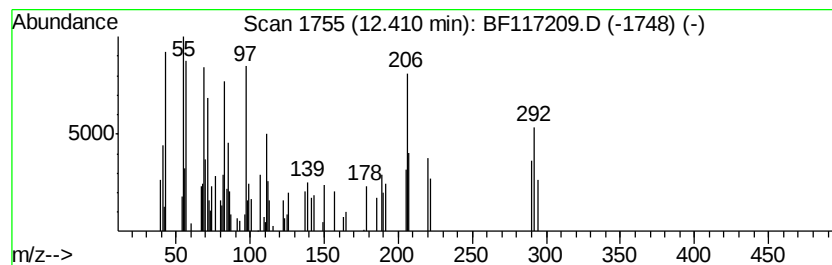
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.41 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.41	7.58 ng	92539	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	38
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	30
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	30
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	30
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	30



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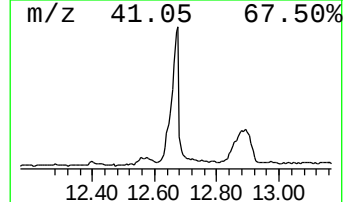
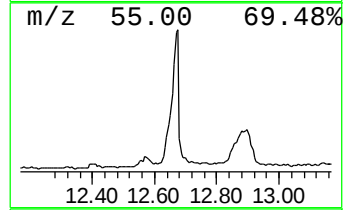
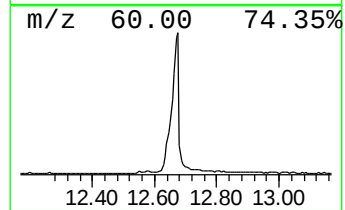
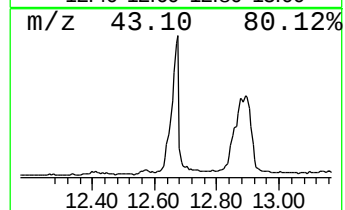
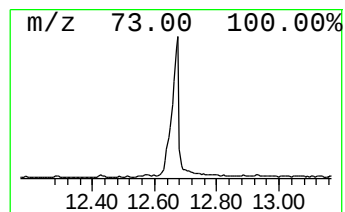
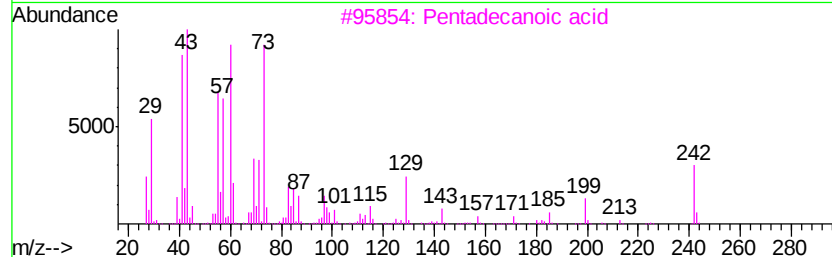
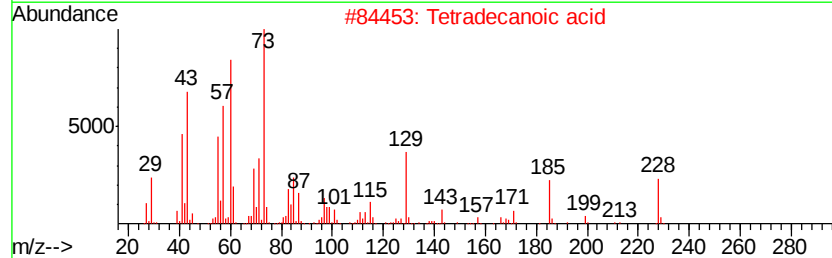
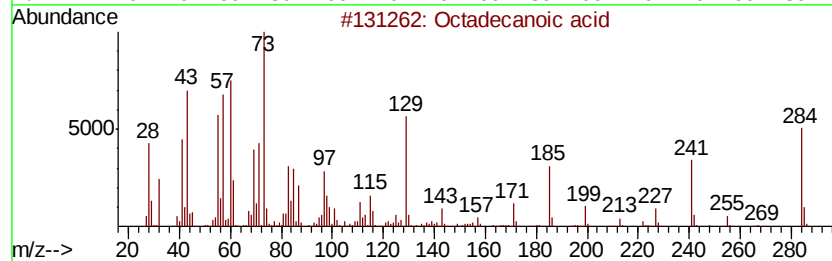
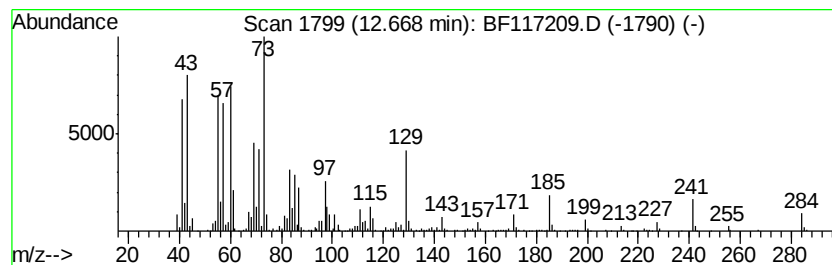
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	139.53 ng	1906200	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4		n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25
5		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20



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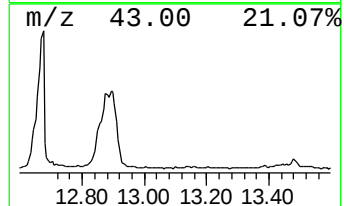
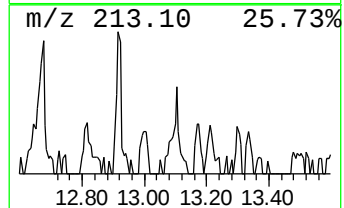
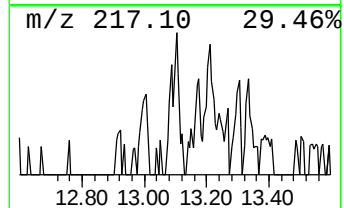
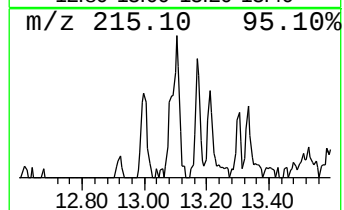
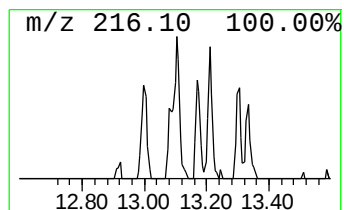
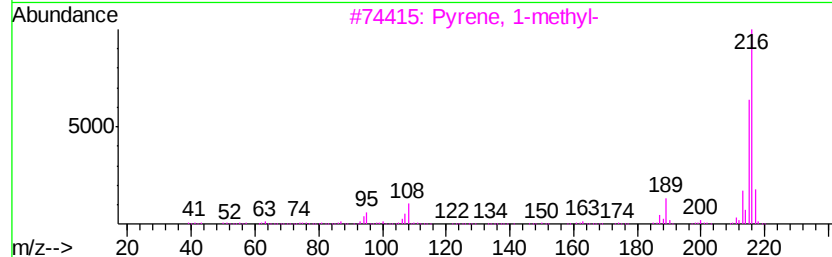
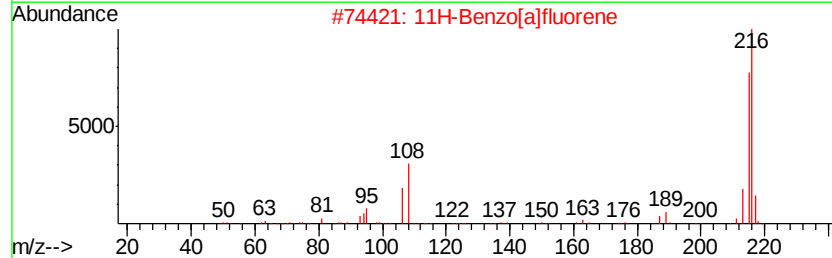
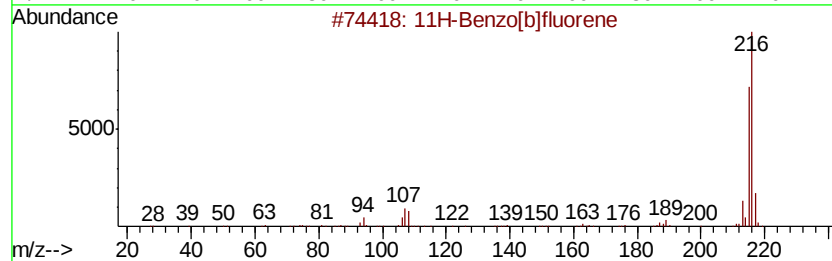
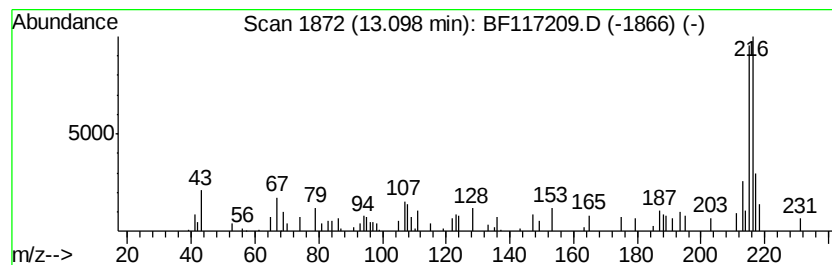
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.78 ng	51620	Chrysene-d12	13.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	64
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	43



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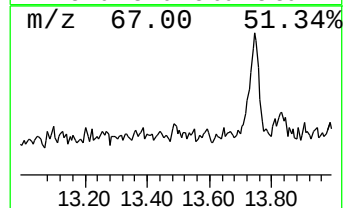
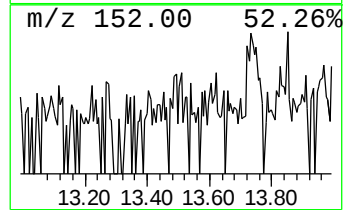
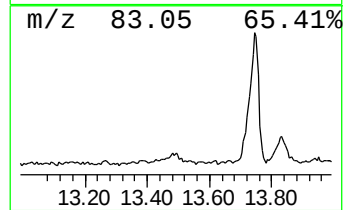
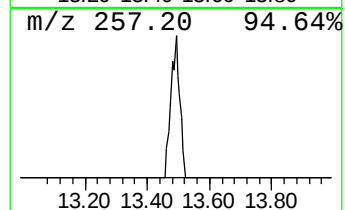
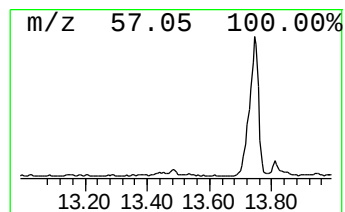
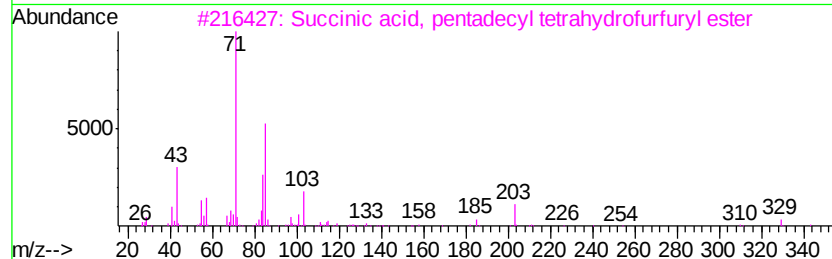
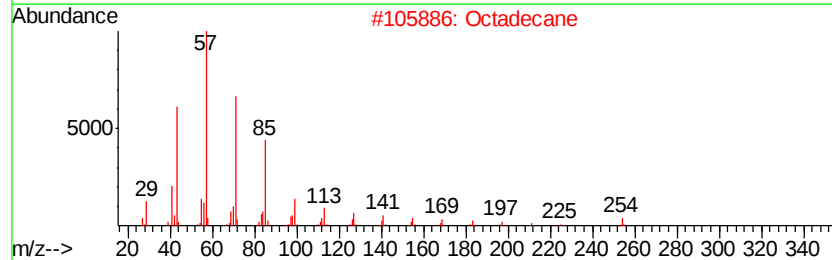
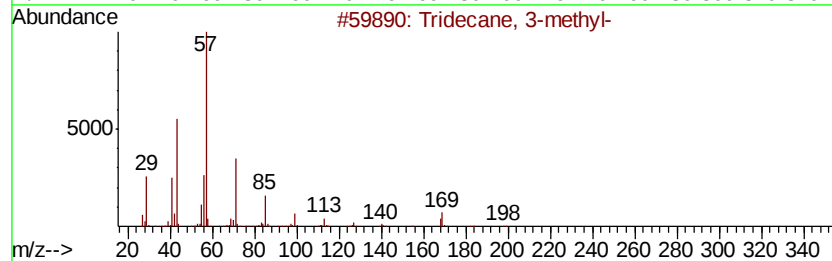
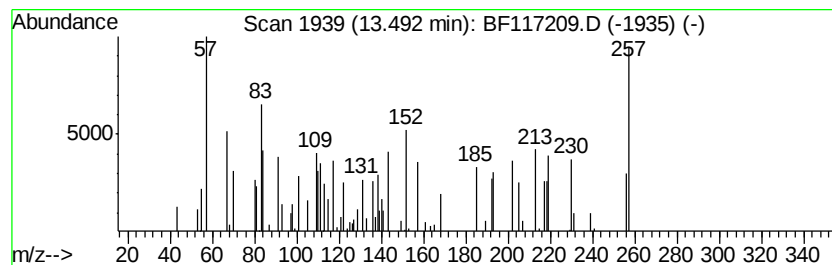
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.49 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.95 ng	67589	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
2			Octadecane	254	C18H38	000593-45-3	47
3			Succinic acid, pentadecyl tetrah...	412	C24H44O5	1000329-87-1	43
4			triacontane	422	C30H62	000638-68-6	43
5			Succinic acid, octadecyl tetrahy...	454	C27H50O5	1000329-87-4	43



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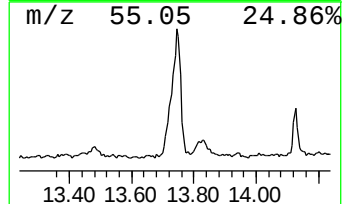
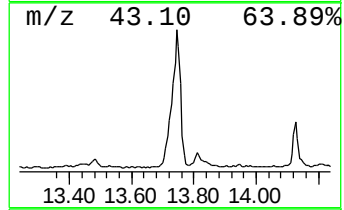
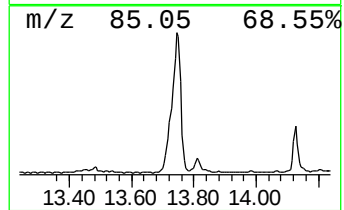
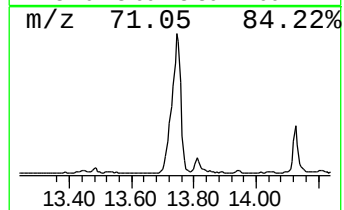
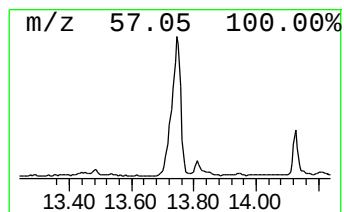
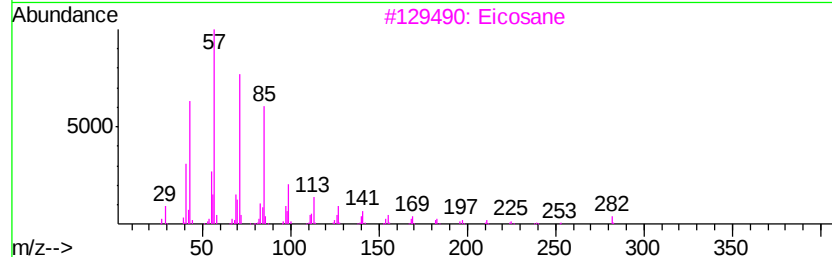
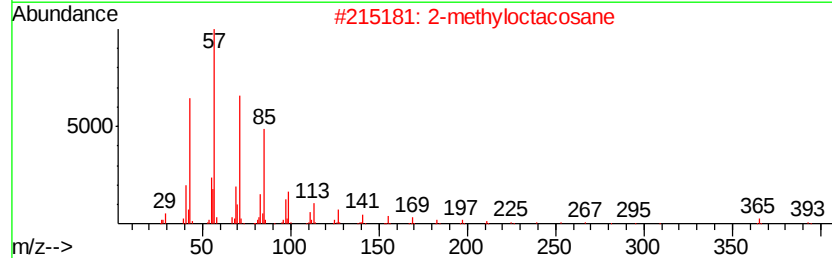
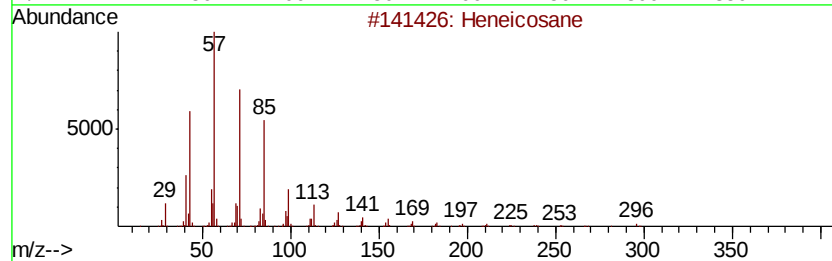
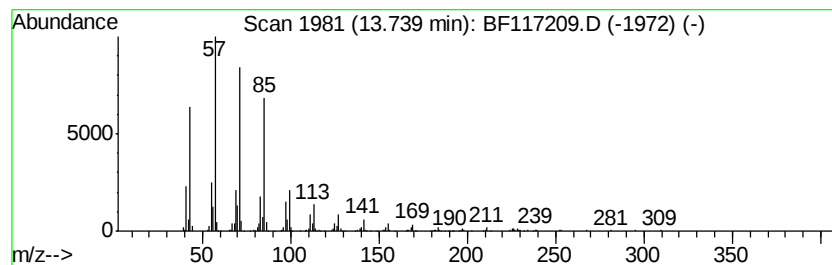
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	127.82 ng	1746250	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	87
5		Hexadecane	226	C16H34	000544-76-3	86



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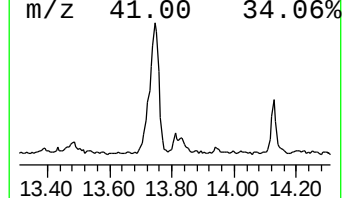
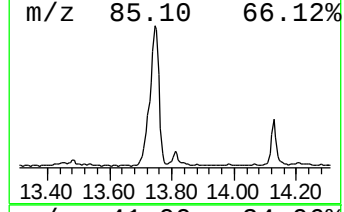
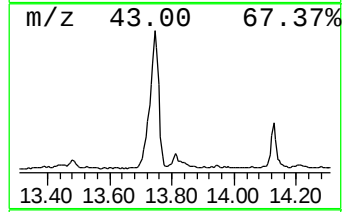
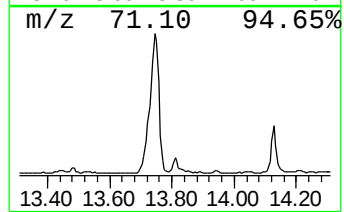
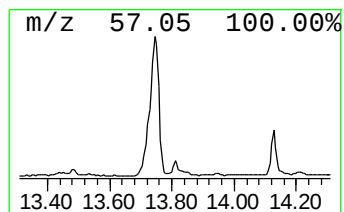
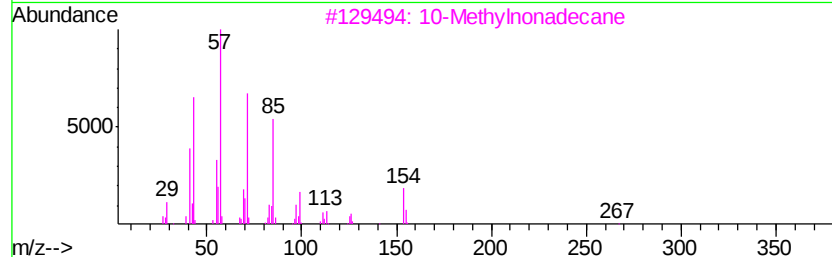
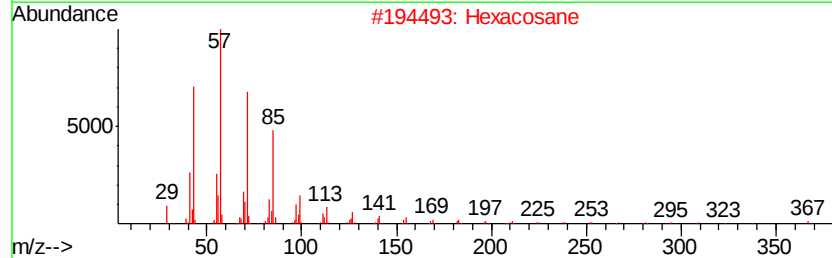
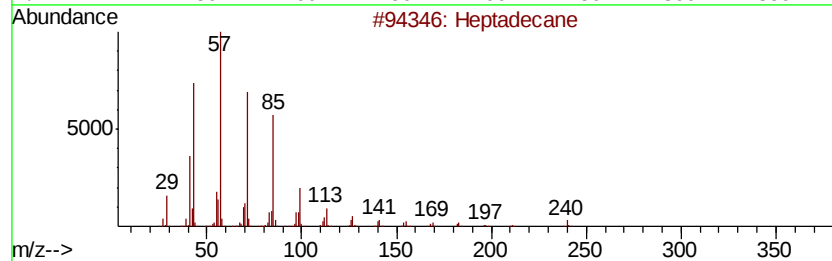
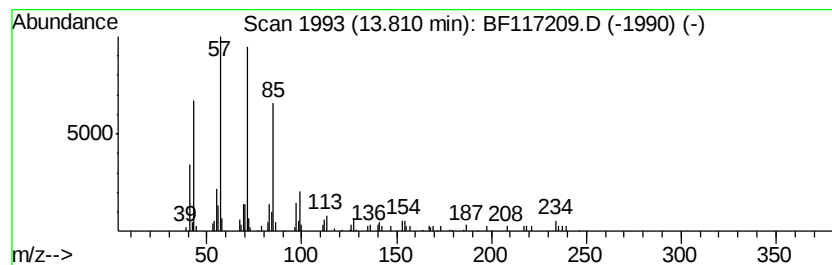
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.88 ng	66699	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	87
2			Hexacosane	366	C26H54	000630-01-3	86
3			10-Methylnonadecane	282	C20H42	056862-62-5	86
4			Heptacosane	380	C27H56	000593-49-7	72
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
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ALS Vial : 3 Sample Multiplier: 1

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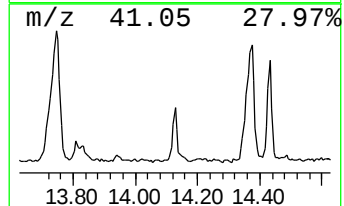
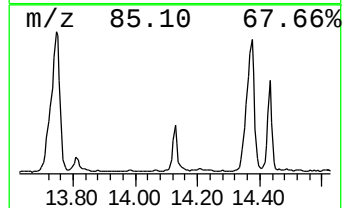
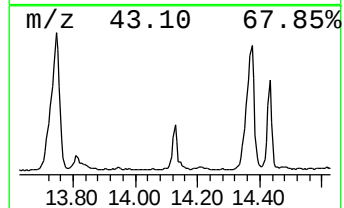
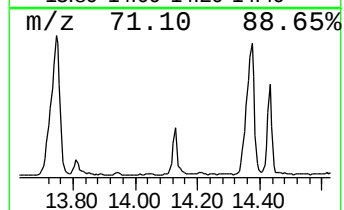
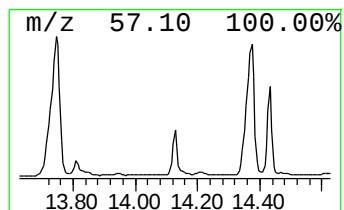
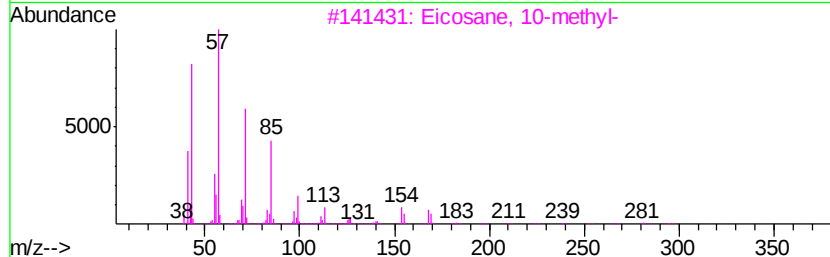
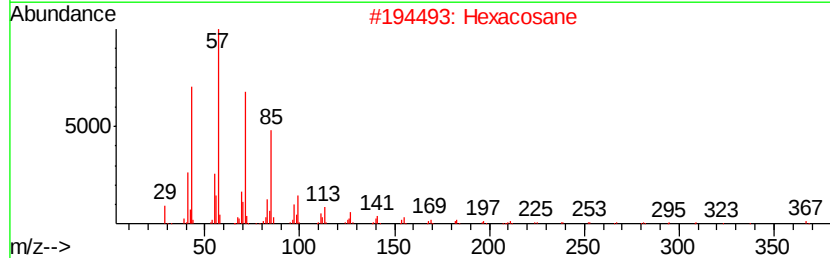
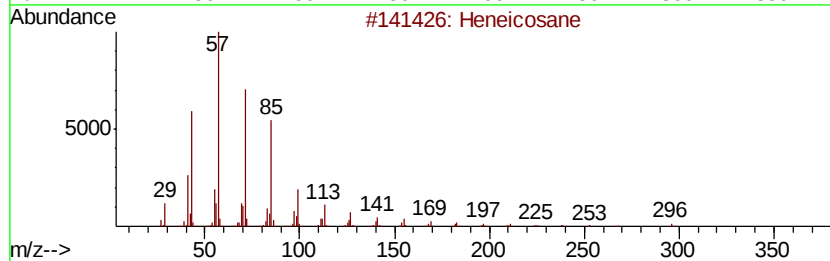
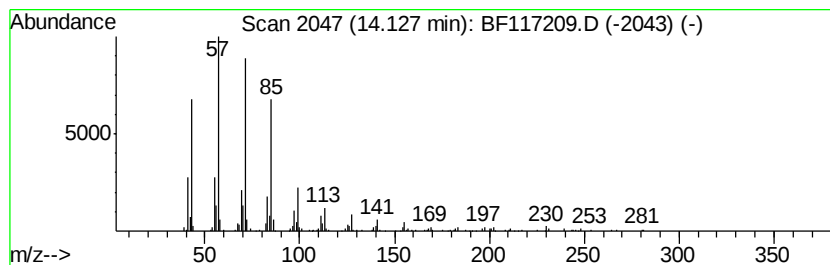
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	22.29 ng	304571	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Octadecane	254	C18H38	000593-45-3	80
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117209.D
Acq On : 23 Sep 2019 17:13
Operator : HP/JU
Sample : K4964-01
Misc :
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Instrument :
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ClientSampleId :
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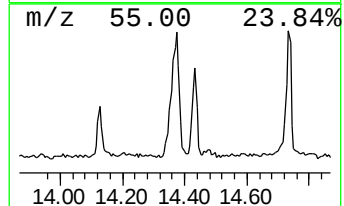
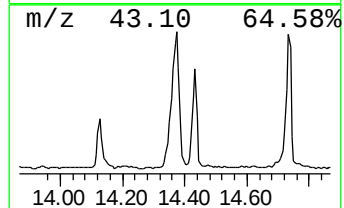
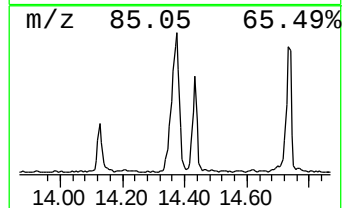
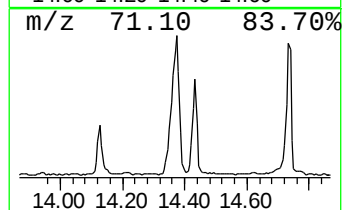
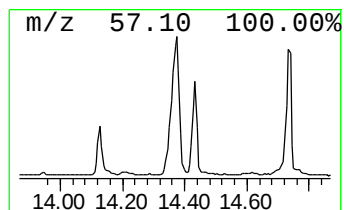
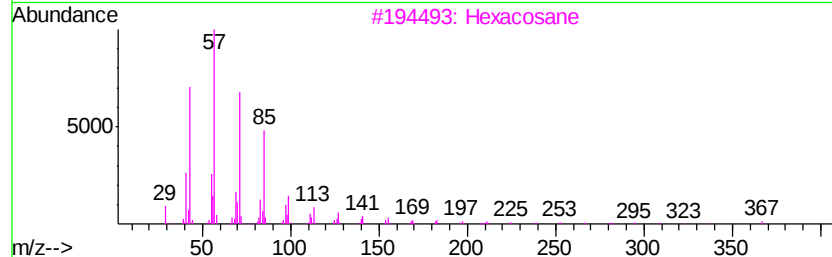
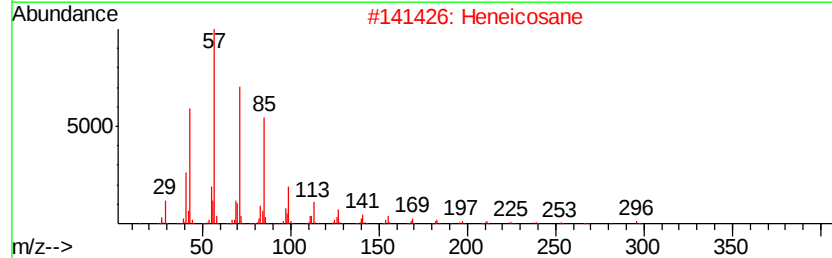
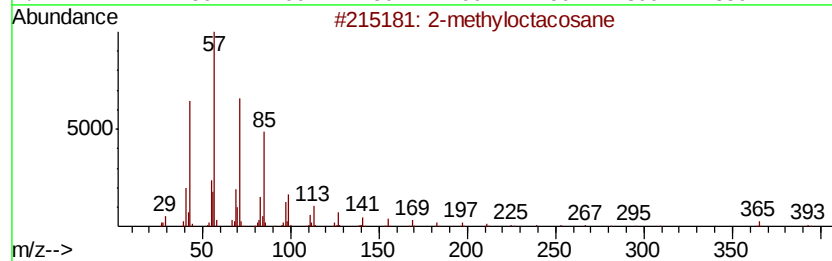
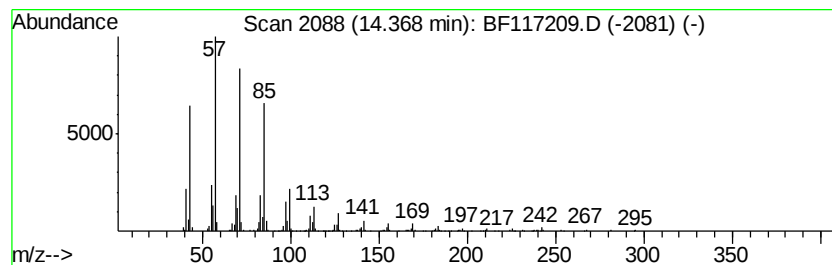
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	100.96 ng	1379290	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methyltetracosane	352	C25H52	1000376-72-6	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117209.D
Acq On : 23 Sep 2019 17:13
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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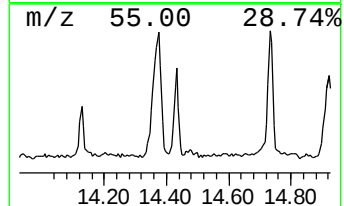
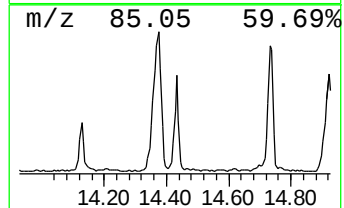
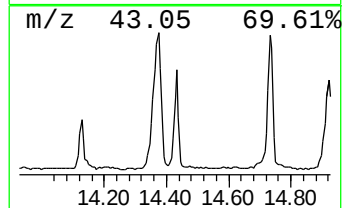
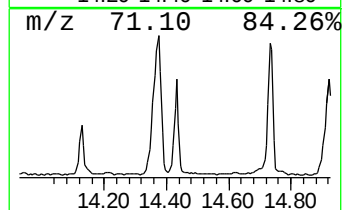
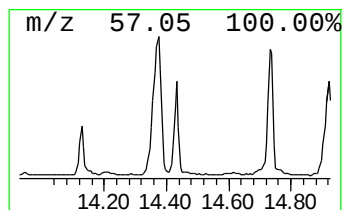
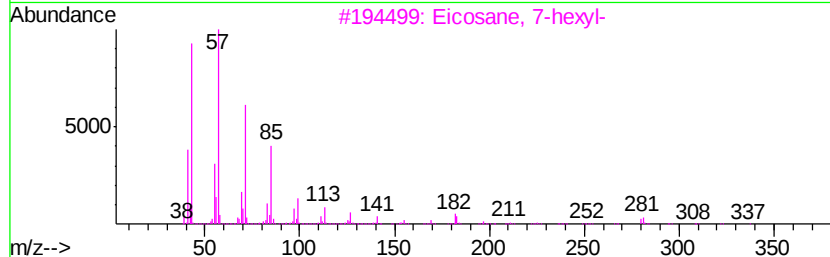
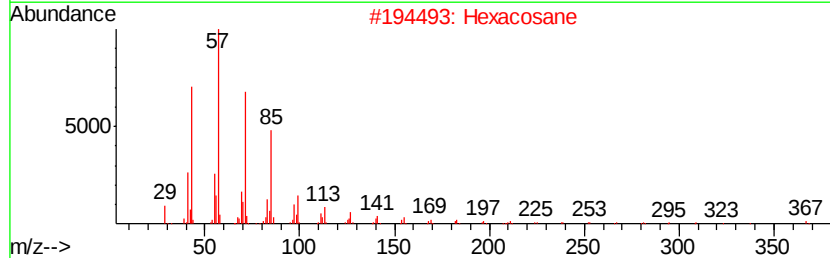
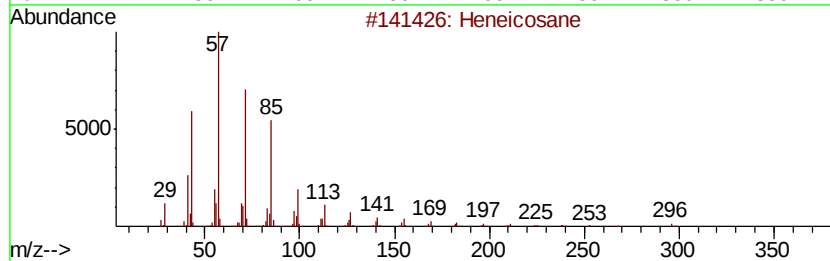
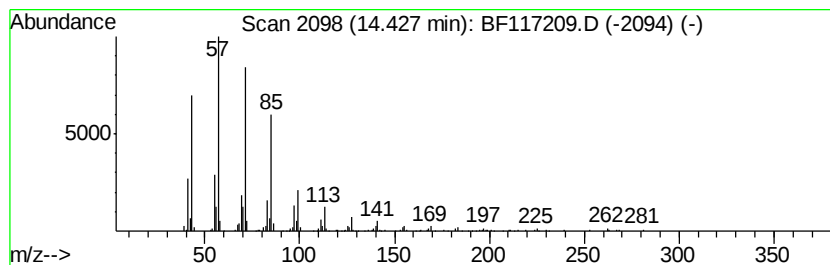
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	36.03 ng	492231	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Heptadecane	240	C17H36	000629-78-7	86
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117209.D
Acq On : 23 Sep 2019 17:13
Operator : HP/JU
Sample : K4964-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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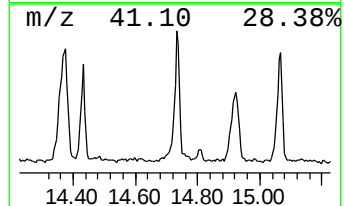
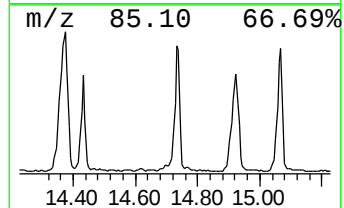
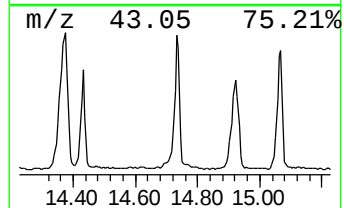
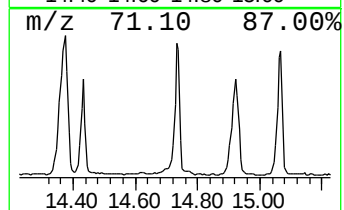
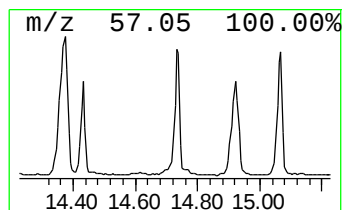
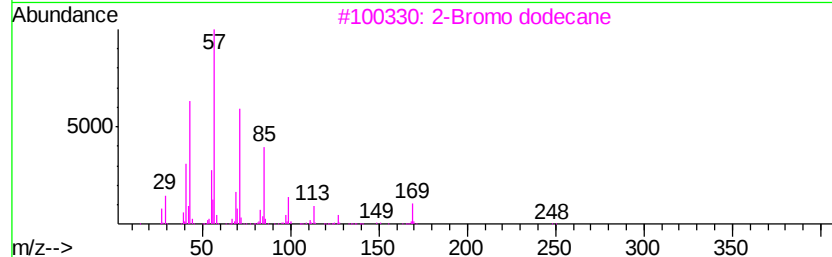
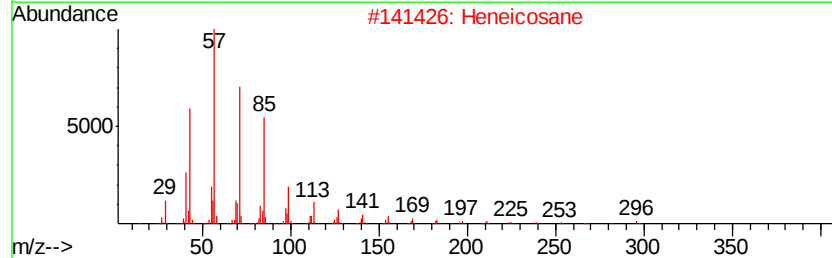
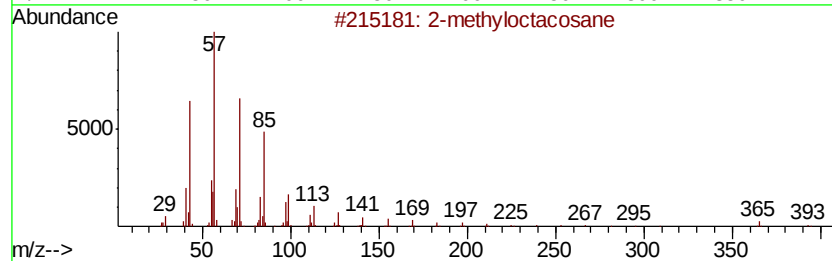
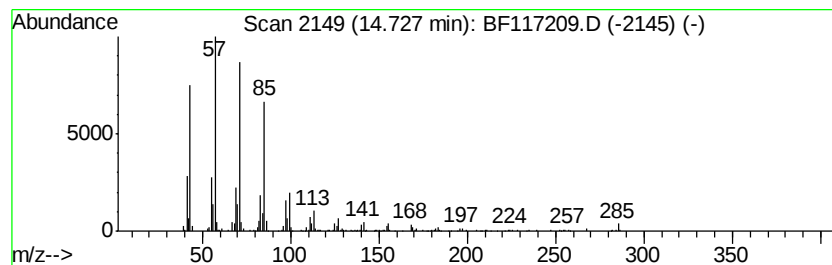
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	16.94 ng	775537	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	81
4		Octacosane	394	C28H58	000630-02-4	80
5		Hexadecane	226	C16H34	000544-76-3	80



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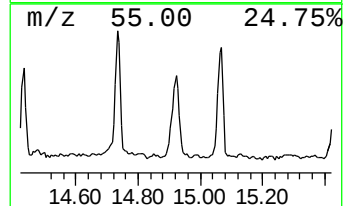
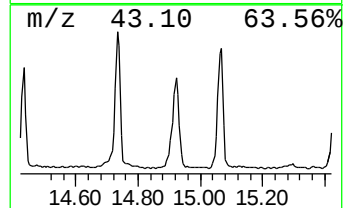
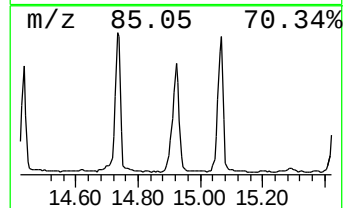
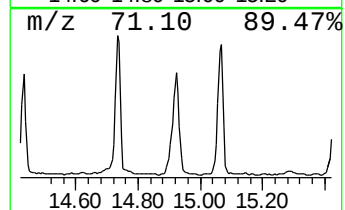
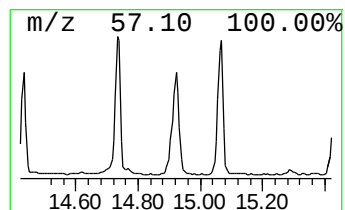
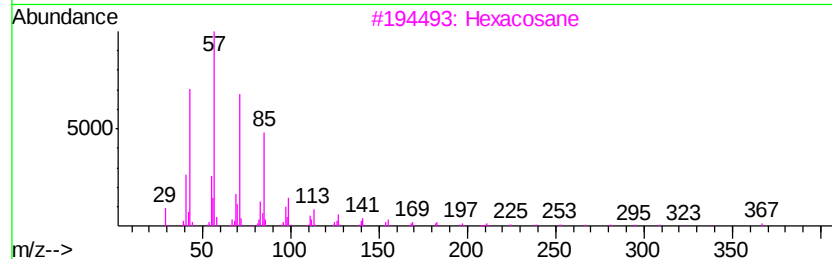
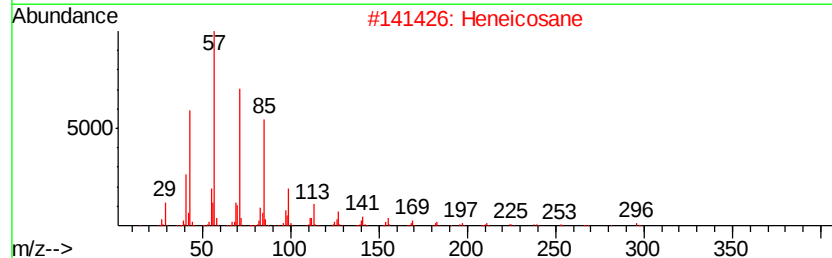
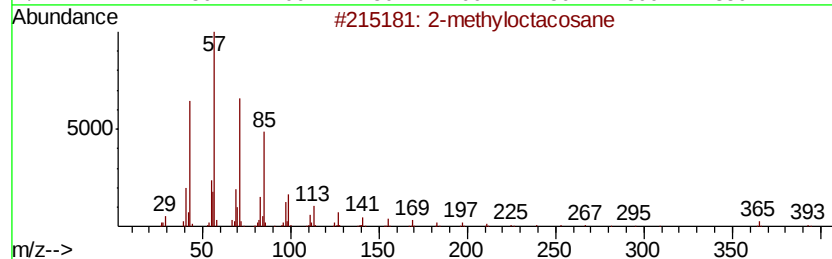
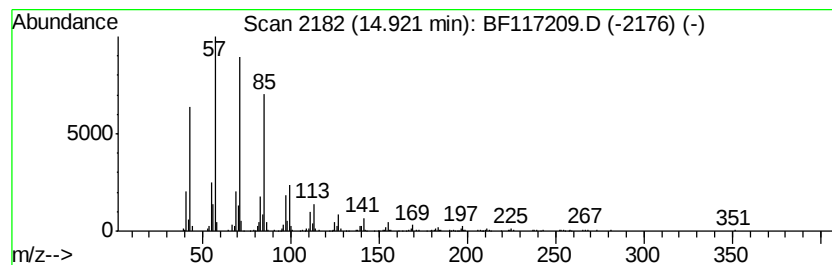
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 6,6-Diethylhooctadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	18.15 ng	831022	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		6,6-Diethylhooctadecane	310	C22H46	1000360-41-8	90
5		Octacosane	394	C28H58	000630-02-4	83



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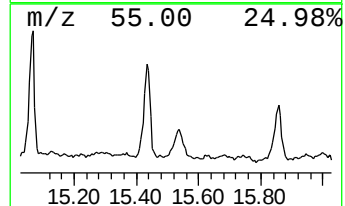
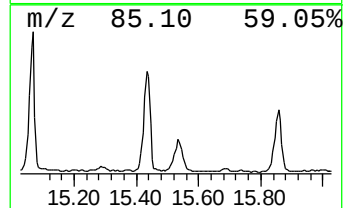
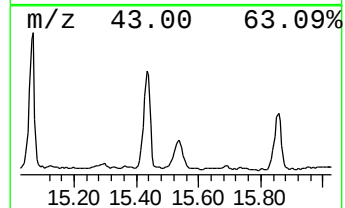
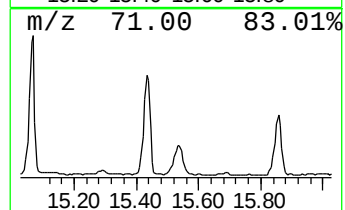
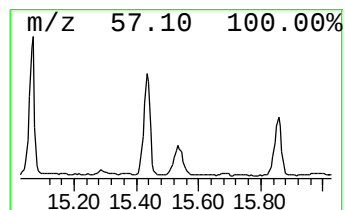
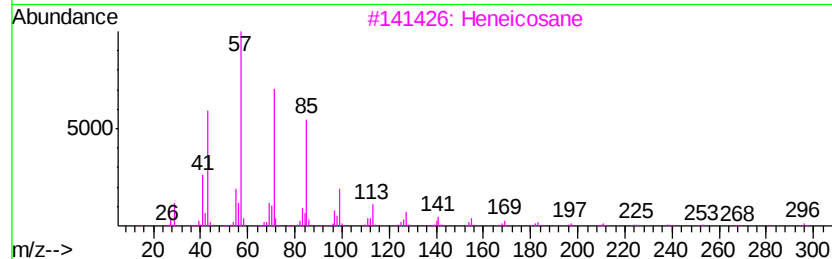
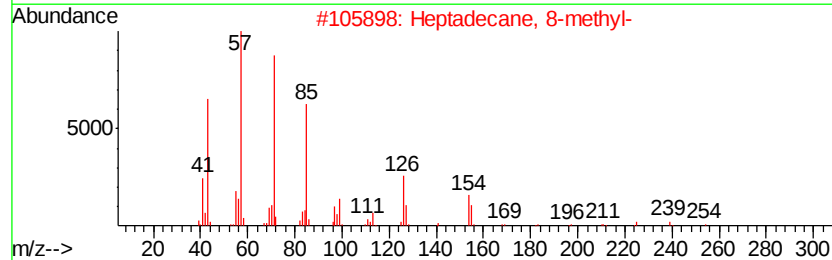
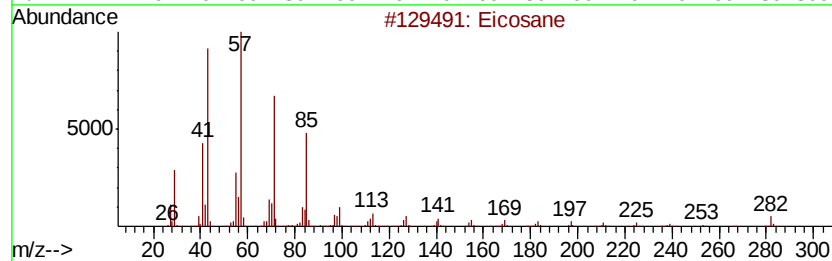
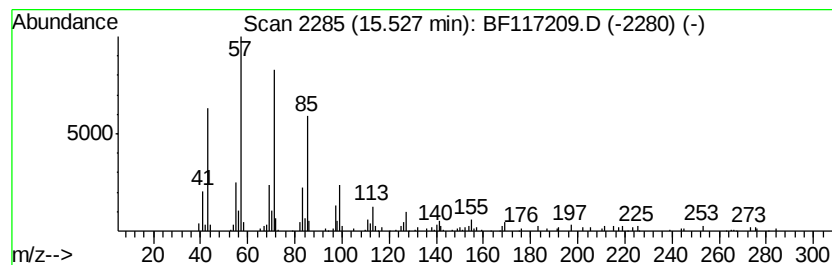
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.53	6.93 ng	317054	Perylene-d12		15.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117209.D
Acq On : 23 Sep 2019 17:13
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Misc :
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Instrument :
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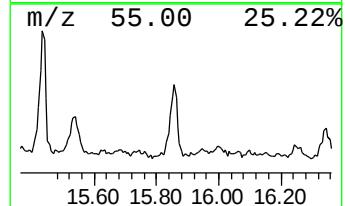
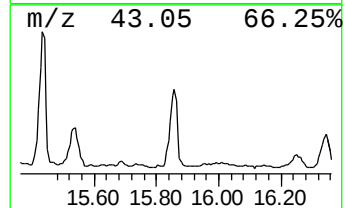
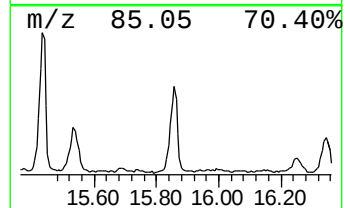
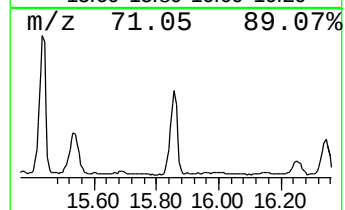
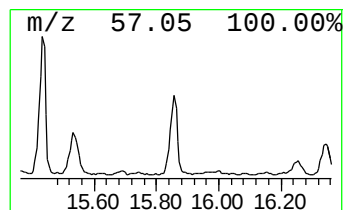
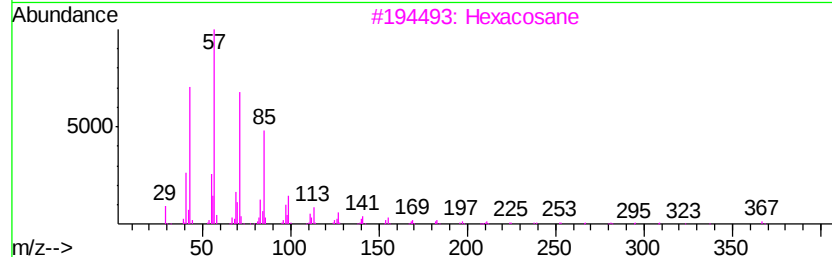
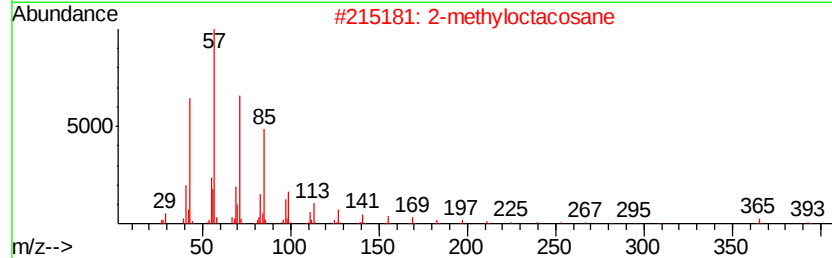
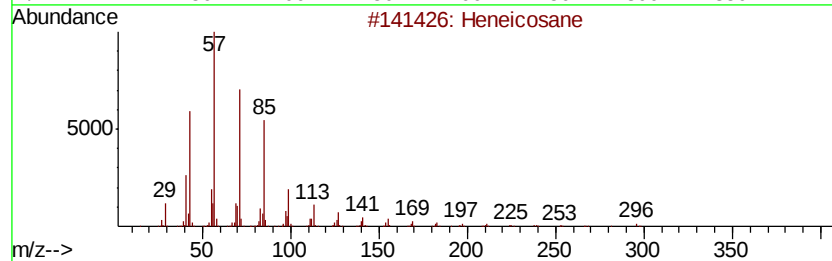
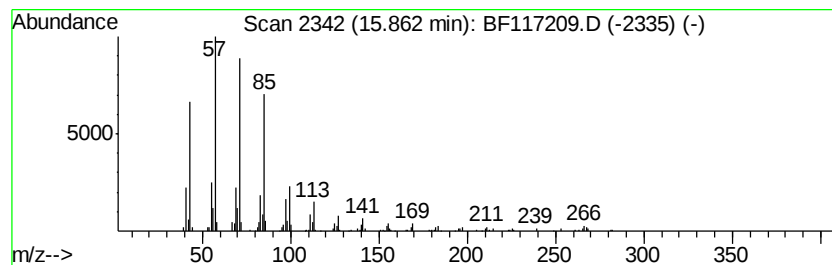
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Triacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	9.97 ng	456332	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Hexacosane	366	C26H54	000630-01-3	90
4			Triacontane	422	C30H62	000638-68-6	87
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
Data File : BF117209.D
Acq On : 23 Sep 2019 17:13
Operator : HP/JU
Sample : K4964-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1

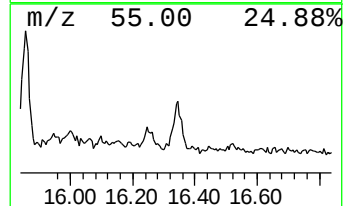
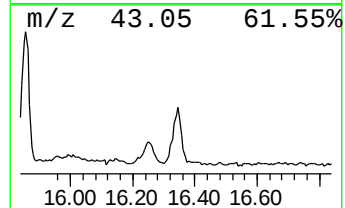
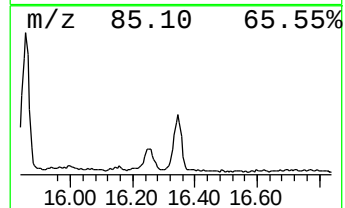
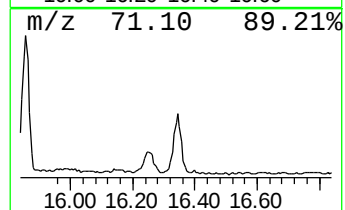
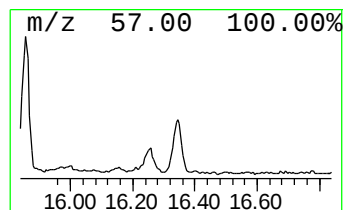
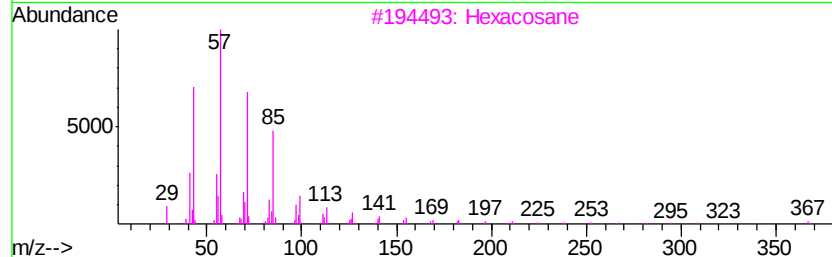
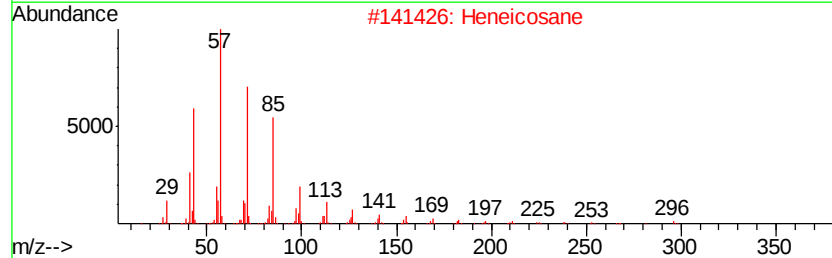
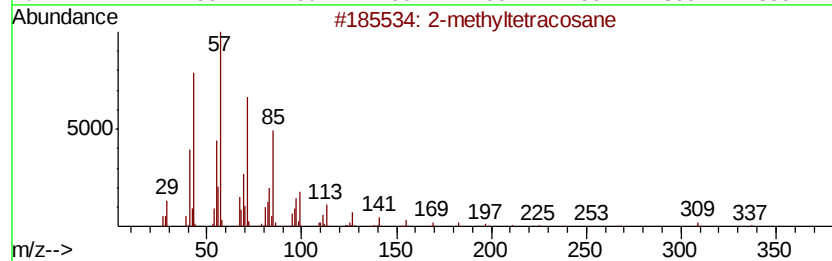
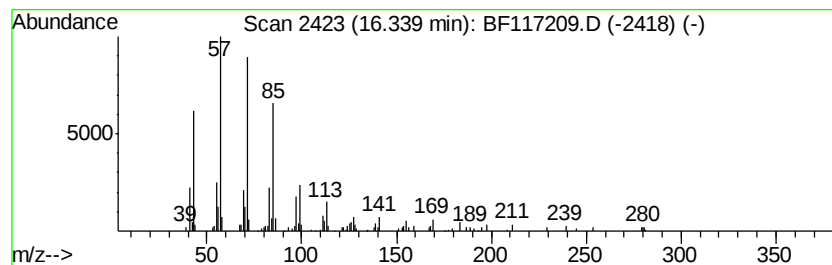
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Sulfurous acid, butyl undec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	5.19 ng	237764	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyltetracosane	352	C25H52	1000376-72-6	90
2			Heneicosane	296	C21H44	000629-94-7	87
3			Hexacosane	366	C26H54	000630-01-3	83
4			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
5			Hentriacontane	437	C31H64	000630-04-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092319\
 Data File : BF117209.D
 Acq On : 23 Sep 2019 17:13
 Operator : HP/JU
 Sample : K4964-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.59	6.59	79.3	ng	703472	1	6.81	177373	20.0
Safole	8.71	8.6	ng	95876	2	8.09	223747	20.0
Hexacosane	11.00	8.9	ng	109118	4	11.33	244189	20.0
n-Hexadecanoic acid	11.89	120.9	ng	1476200	4	11.33	244189	20.0
Thiophene-3-carbo...	11.95	3.5	ng	43136	4	11.33	244189	20.0
unknown12.41	12.41	7.6	ng	92539	4	11.33	244189	20.0
Octadecanoic acid	12.67	139.5	ng	1906200	5	13.97	273236	20.0
11H-Benzo[b]fluorene	13.10	3.8	ng	51620	5	13.97	273236	20.0
unknown13.49	13.49	5.0	ng	67589	5	13.97	273236	20.0
Heneicosane	13.74	127.8	ng	1746250	5	13.97	273236	20.0
Heptadecane	13.81	4.9	ng	66699	5	13.97	273236	20.0
Eicosane, 10-methyl-	14.13	22.3	ng	304571	5	13.97	273236	20.0
2-methyloctacosane	14.37	101.0	ng	1379290	5	13.97	273236	20.0
Eicosane, 7-hexyl-	14.43	36.0	ng	492231	5	13.97	273236	20.0
2-Bromo dodecane	14.73	16.9	ng	775537	6	15.43	915556	20.0
6,6-Diethylhooctad...	14.92	18.1	ng	831022	6	15.43	915556	20.0
Eicosane	15.53	6.9	ng	317054	6	15.43	915556	20.0
Triacontane	15.86	10.0	ng	456332	6	15.43	915556	20.0
Sulfurous acid, b...	16.34	5.2	ng	237764	6	15.43	915556	20.0