

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100919\
 Data File : BF117357.D
 Acq On : 9 Oct 2019 16:12
 Operator : JU
 Sample : K5284-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-016-ABCD

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	5.010	493	497	511	rBV	23022	33576	3.44%	0.313%
2	5.428	564	568	594	rBV	645223	764454	78.22%	7.125%
3	6.445	737	741	759	rBV	748302	872034	89.23%	8.128%
4	6.575	759	763	771	rBV	1002815	879136	89.96%	8.194%
5	6.798	798	801	814	rBV	280272	254271	26.02%	2.370%
6	6.957	824	828	843	rBV	734289	676729	69.24%	6.308%
7	7.363	893	897	913	rBV	402160	510353	52.22%	4.757%
8	8.080	1013	1019	1025	rBV	276601	296639	30.35%	2.765%
9	9.157	1198	1202	1213	rBV	918085	977300	100.00%	9.109%
10	9.233	1213	1215	1218	rVB4	12368	12776	1.31%	0.119%
11	9.551	1265	1269	1278	rBV	151988	167035	17.09%	1.557%
12	9.698	1291	1294	1297	rBV	14528	13379	1.37%	0.125%
13	9.833	1314	1317	1321	rBV	404004	362797	37.12%	3.382%
14	9.869	1321	1323	1333	rVB	24392	28212	2.89%	0.263%
15	10.045	1351	1353	1357	rVV3	10515	12698	1.30%	0.118%
16	10.080	1357	1359	1364	rVB4	7985	10385	1.06%	0.097%
17	10.263	1388	1390	1393	rVB	16623	11561	1.18%	0.108%
18	10.386	1408	1411	1416	rVB	21253	23654	2.42%	0.220%
19	10.480	1423	1427	1432	rVB4	12092	19223	1.97%	0.179%
20	10.627	1449	1452	1463	rBV	473988	506577	51.83%	4.722%
21	10.751	1467	1473	1480	rVB4	23632	40896	4.18%	0.381%
22	11.180	1543	1546	1549	rBV2	15679	13414	1.37%	0.125%
23	11.216	1549	1552	1556	rVB2	18310	23614	2.42%	0.220%
24	11.321	1567	1570	1573	rBV	308997	324752	33.23%	3.027%
25	11.345	1573	1574	1579	rVV	114550	105394	10.78%	0.982%
26	11.404	1579	1584	1587	rVB	21279	29441	3.01%	0.274%
27	11.568	1608	1612	1616	rBV5	10555	17739	1.82%	0.165%
28	11.610	1616	1619	1623	rVV3	20656	21482	2.20%	0.200%
29	11.657	1624	1627	1631	rVB5	9646	11552	1.18%	0.108%
30	11.827	1652	1656	1657	rBV	21373	22393	2.29%	0.209%
31	11.845	1657	1659	1667	rVB4	70106	100179	10.25%	0.934%
32	11.939	1672	1675	1677	rBV2	36467	35785	3.66%	0.334%
33	12.115	1703	1705	1710	rVB2	11845	11745	1.20%	0.109%
34	12.263	1726	1730	1733	rBV4	7061	10992	1.12%	0.102%

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35	12.374	1746	1749	1751	rBV2	19475	16751	1.71%	0.156%
36	12.404	1751	1754	1758	rVV3	15736	16320	1.67%	0.152%
37	12.539	1773	1777	1781	rBV	189142	182031	18.63%	1.697%
38	12.633	1790	1793	1798	rBV4	16034	21417	2.19%	0.200%
39	12.768	1810	1816	1823	rBV	180517	234160	23.96%	2.183%
40	12.821	1823	1825	1830	rVV5	10203	15704	1.61%	0.146%
41	12.904	1835	1839	1849	rVV	835376	780019	79.81%	7.270%
42	12.986	1849	1853	1858	rVB4	19109	34078	3.49%	0.318%
43	13.074	1865	1868	1869	rBV2	14799	13161	1.35%	0.123%
44	13.098	1870	1872	1875	rVB	21321	18749	1.92%	0.175%
45	13.162	1880	1883	1885	rVV	19968	20494	2.10%	0.191%
46	13.204	1887	1890	1896	rVB4	17940	24349	2.49%	0.227%
47	13.292	1903	1905	1909	rBV2	11285	10544	1.08%	0.098%
48	13.327	1909	1911	1913	rBV	13996	14677	1.50%	0.137%
49	13.474	1933	1936	1938	rBV3	16723	15708	1.61%	0.146%
50	13.586	1952	1955	1957	rBV3	9503	11478	1.17%	0.107%
51	13.615	1957	1960	1963	rVV4	12322	15498	1.59%	0.144%
52	13.668	1967	1969	1973	rVB5	8177	10732	1.10%	0.100%
53	13.739	1980	1981	1984	rVB3	16611	12670	1.30%	0.118%
54	13.774	1984	1987	1988	rBV2	13387	11668	1.19%	0.109%
55	13.798	1988	1991	2002	rVB6	79008	146388	14.98%	1.364%
56	13.968	2015	2020	2023	rBV2	297140	371962	38.06%	3.467%
57	13.992	2023	2024	2032	rVB	84851	77551	7.94%	0.723%
58	14.115	2041	2045	2053	rBV2	47599	65593	6.71%	0.611%
59	14.421	2093	2097	2099	rBV	85479	82966	8.49%	0.773%
60	14.721	2144	2148	2151	rBV	121701	115572	11.83%	1.077%
61	14.792	2157	2160	2163	rVB	38703	39099	4.00%	0.364%
62	14.851	2168	2170	2176	rVV7	18587	26227	2.68%	0.244%
63	15.009	2193	2197	2200	rBV	63894	105733	10.82%	0.986%
64	15.045	2200	2203	2207	rVB	121727	152821	15.64%	1.424%
65	15.304	2244	2247	2252	rVB	43006	50178	5.13%	0.468%
66	15.368	2254	2258	2262	rVV	60688	89148	9.12%	0.831%
67	15.421	2262	2267	2280	rVB2	264745	470542	48.15%	4.386%
68	15.833	2333	2337	2342	rVB2	72608	107757	11.03%	1.004%
69	16.321	2417	2420	2426	rVB3	38431	61673	6.31%	0.575%
70	16.892	2512	2517	2523	rVB3	43135	83198	8.51%	0.775%

LSC Area Percent Report

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

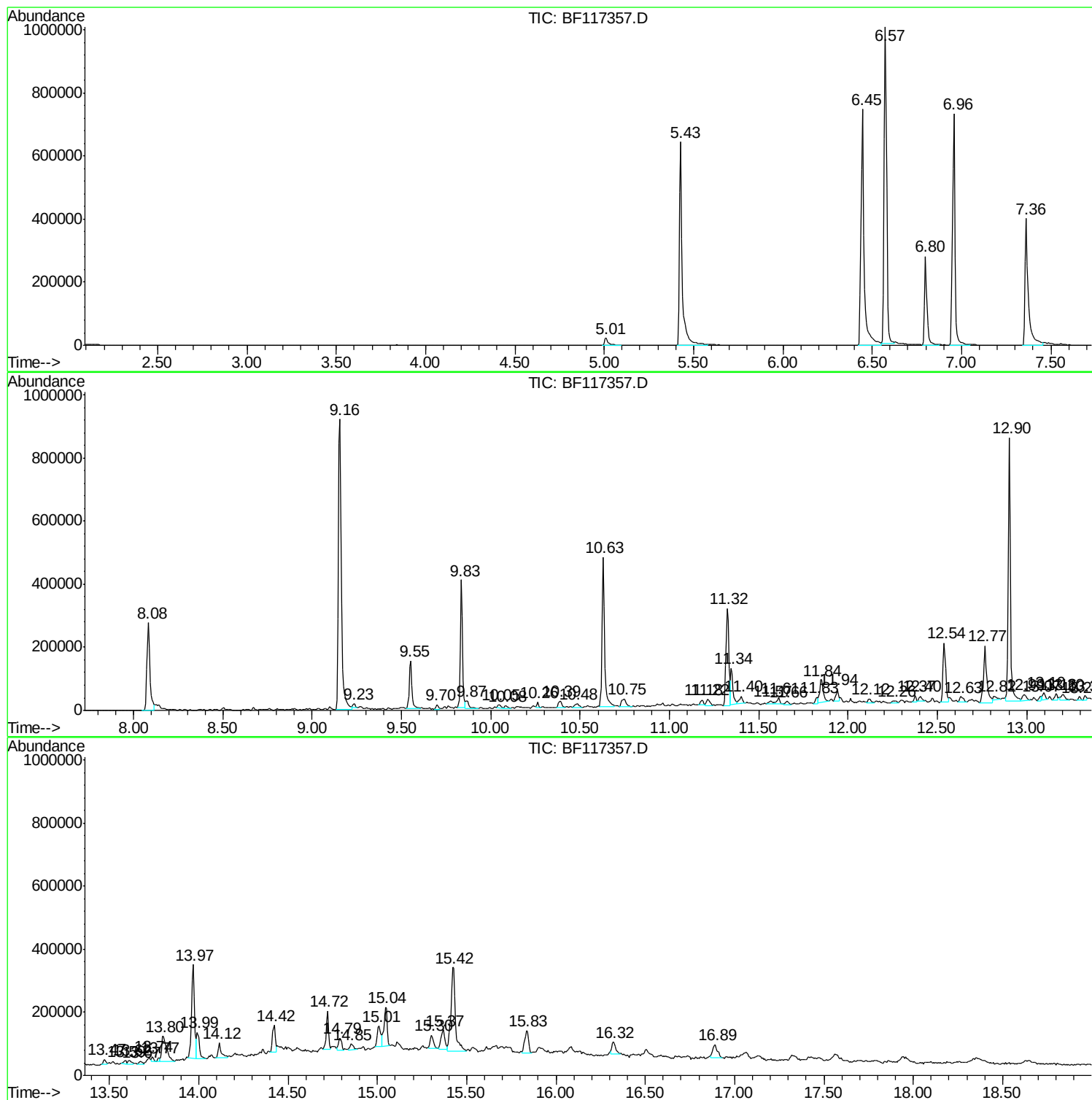
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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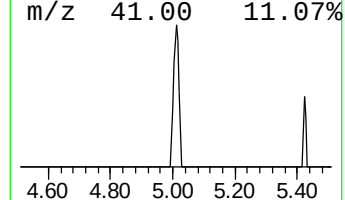
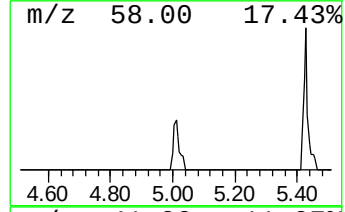
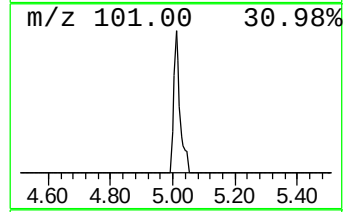
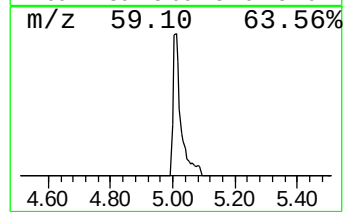
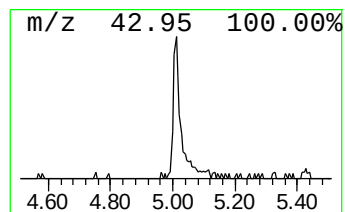
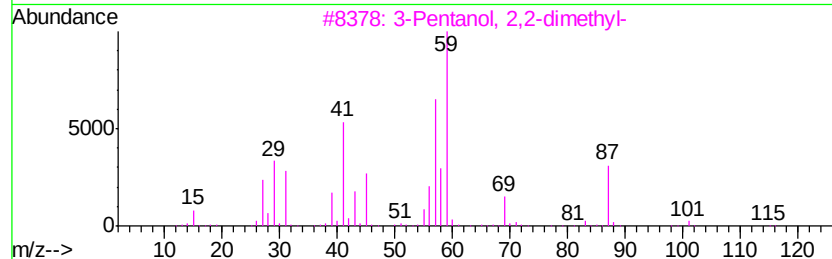
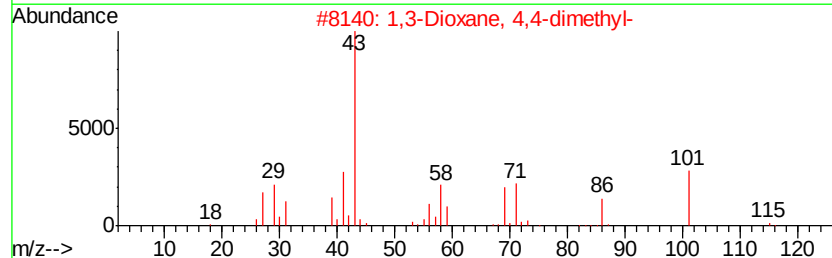
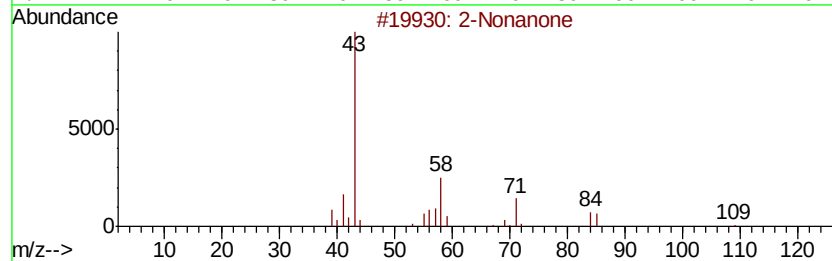
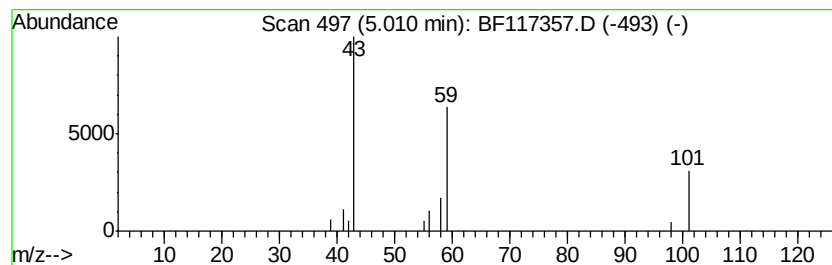
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.64 ng	33576	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Nonanone	142	C9H18O	000821-55-6	9
2	1,3	Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	9
3	3	Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5	
5	2	Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	5



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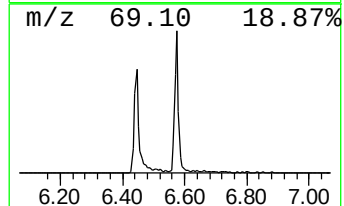
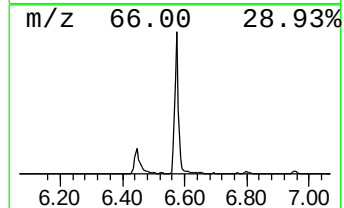
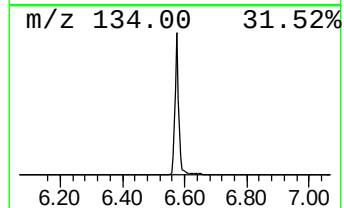
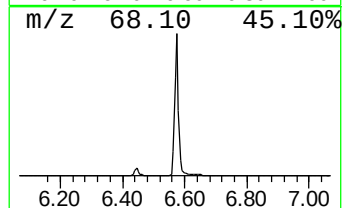
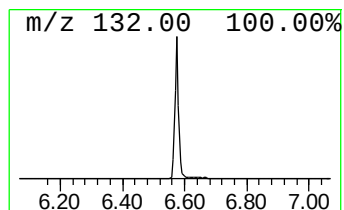
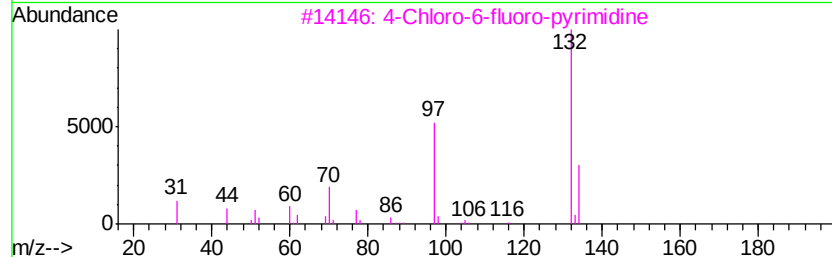
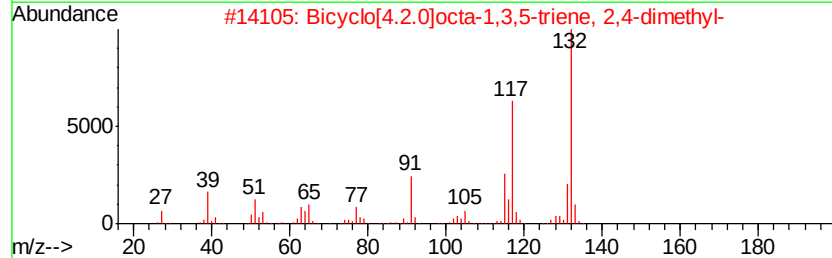
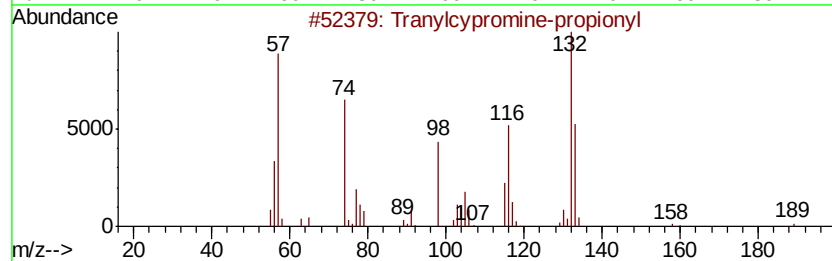
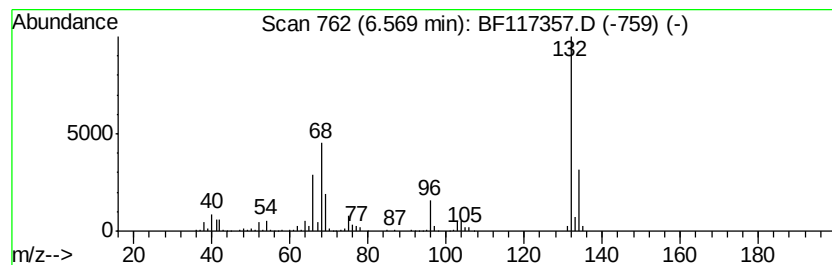
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	69.15 ng	879136	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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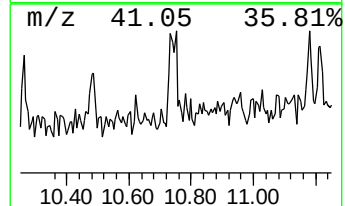
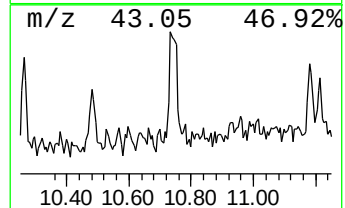
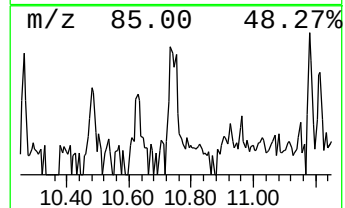
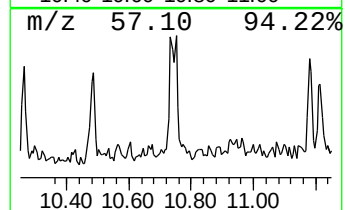
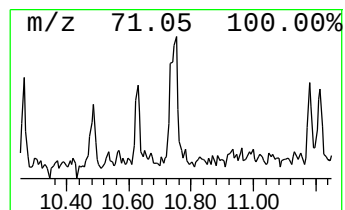
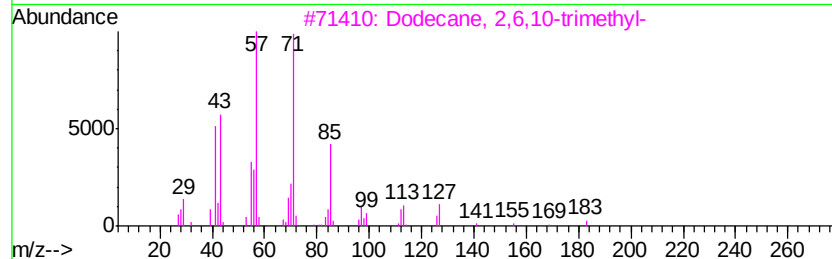
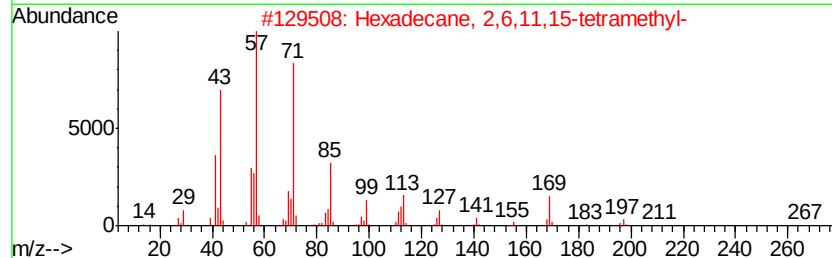
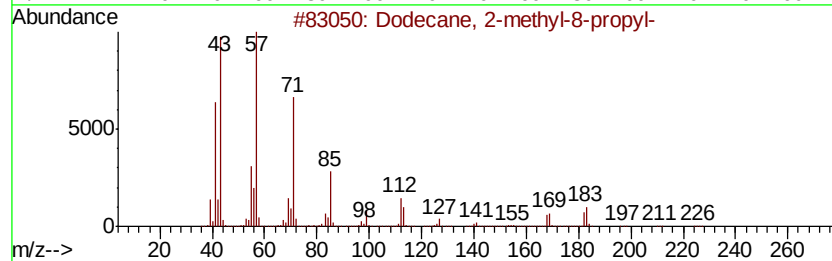
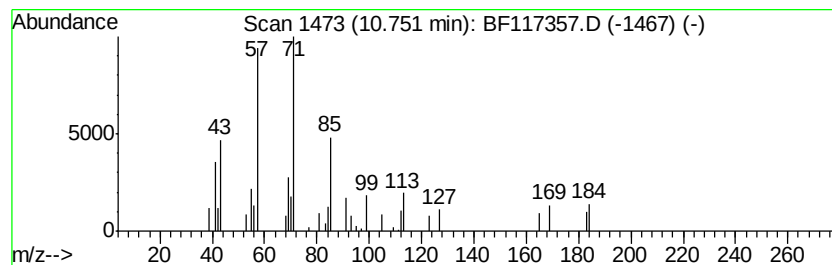
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2-methyl-8-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.52 ng	40896	Phenanthrene-d10	11.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-8-propyl-	226 C16H34	055045-07-3	72
2	Hexadecane, 2,6,11,15-tetramethyl-	282 C20H42	000504-44-9	64
3	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	53
4	Tridecane	184 C13H28	000629-50-5	53
5	Nonane, 3-methyl-5-propyl-	184 C13H28	031081-18-2	53



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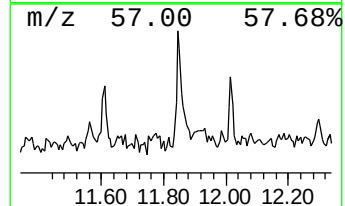
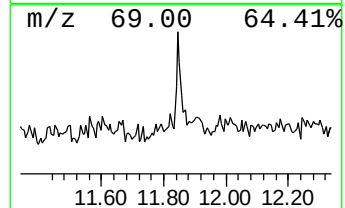
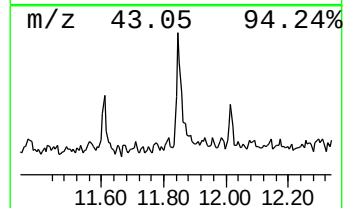
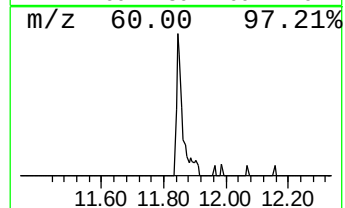
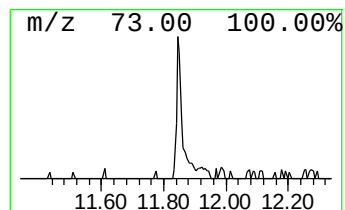
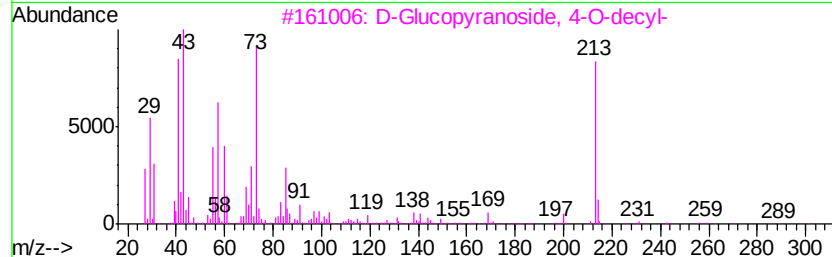
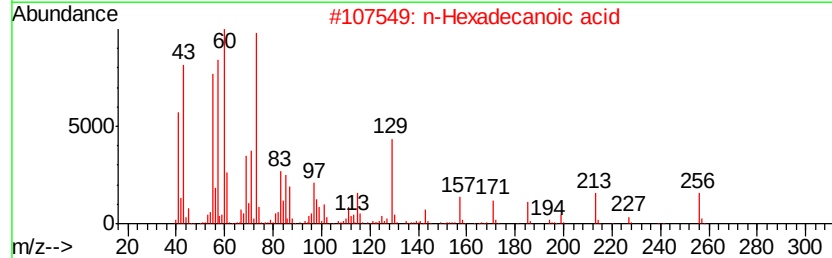
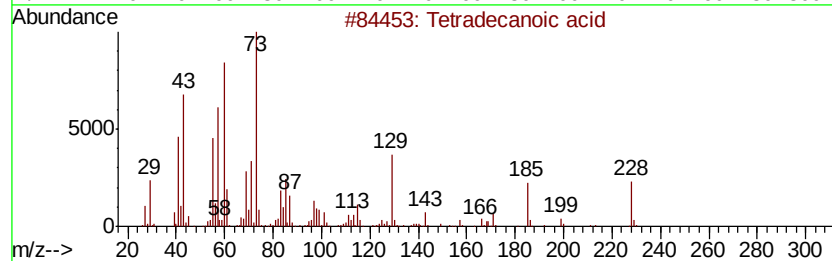
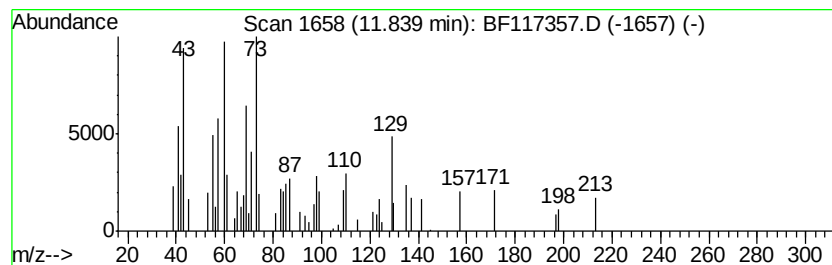
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	6.17 ng	100179	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3		D-Glucopyranoside, 4-O-decyl-	320	C16H32O6	1000158-00-4	35
4		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	22
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	22



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Sample : K5284-01
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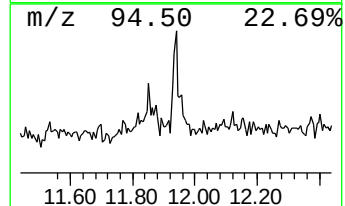
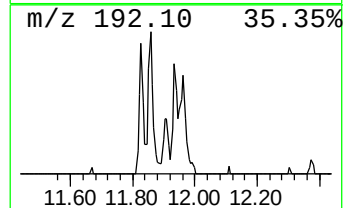
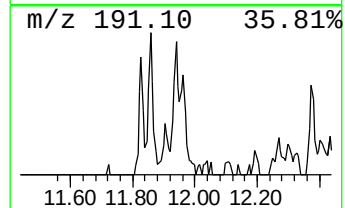
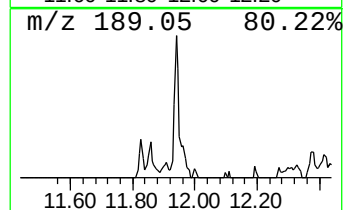
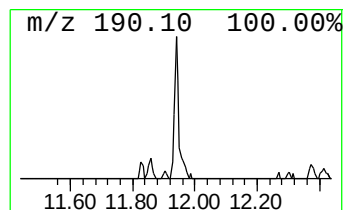
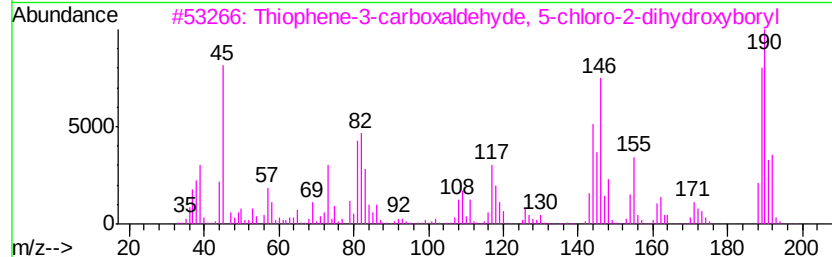
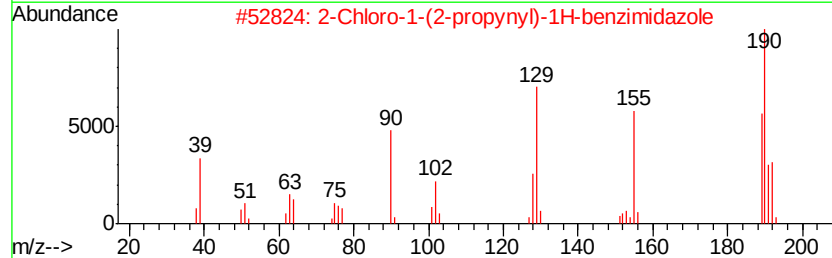
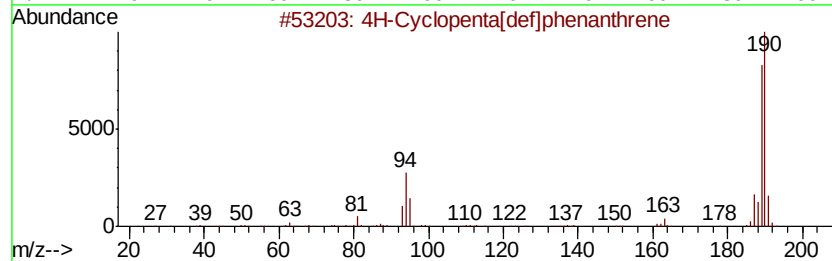
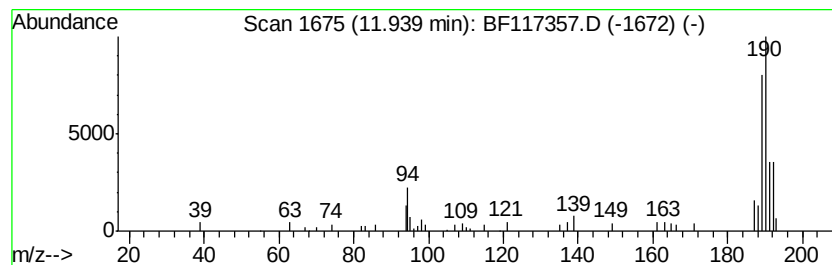
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.94	2.20 ng	35785	Phenanthrene-d10		11.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2		2-Chloro-1-(2-propynyl)-1H-benzi...	190	C10H7ClN2	080276-19-3	64
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	59
4		Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	50
5		1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	40



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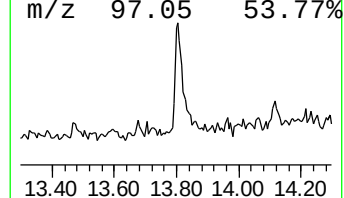
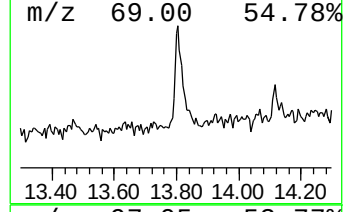
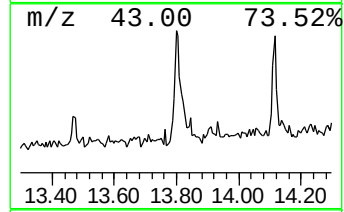
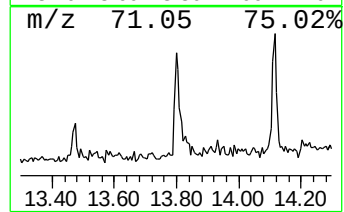
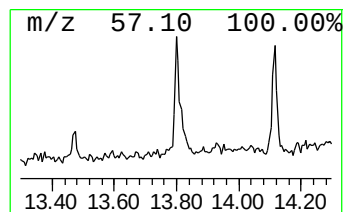
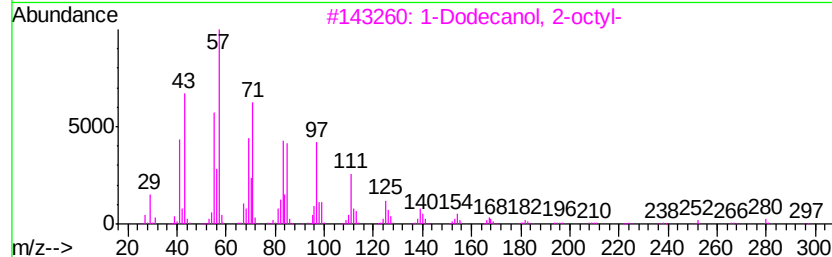
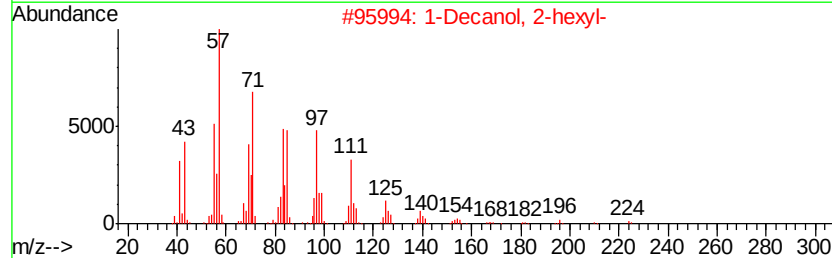
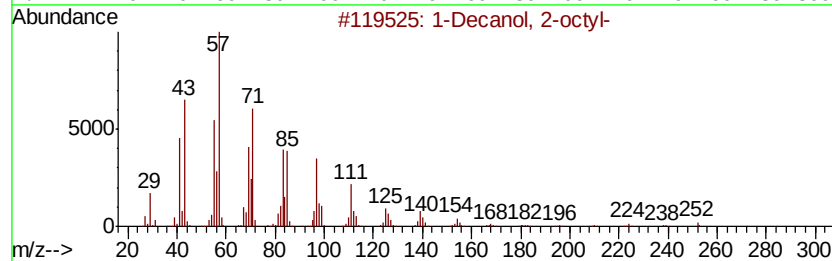
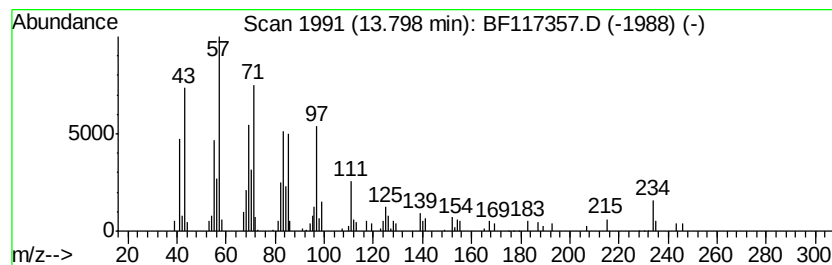
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Decanol, 2-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.80	7.87 ng	146388	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	86
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	80
4	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	80
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
Data File : BF117357.D
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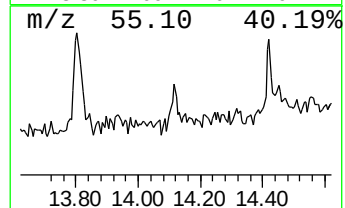
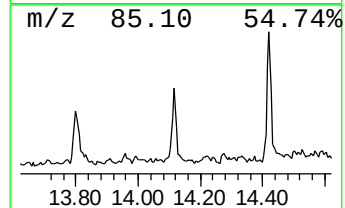
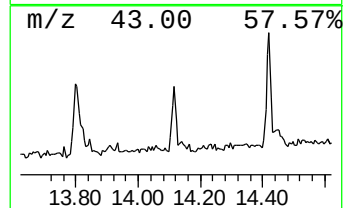
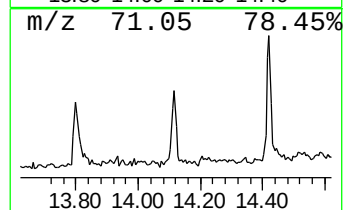
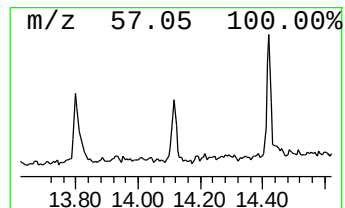
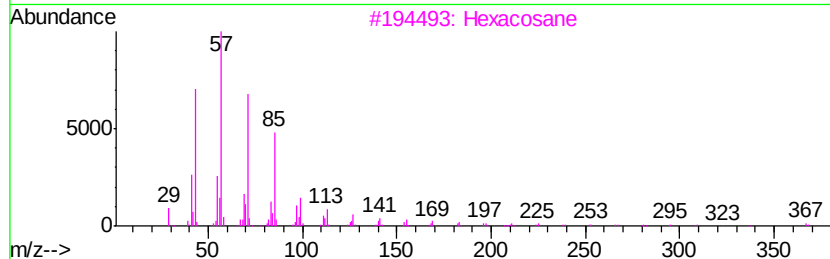
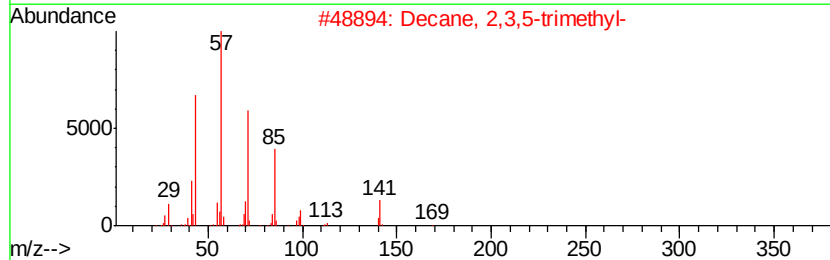
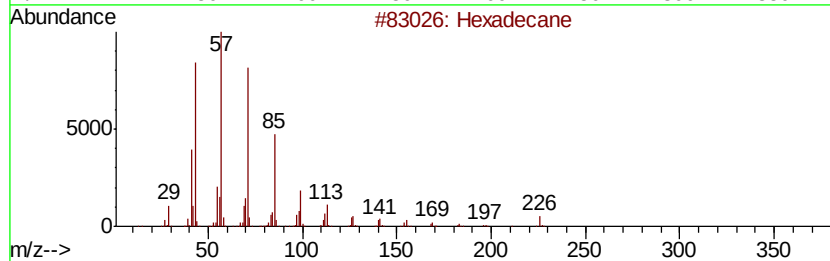
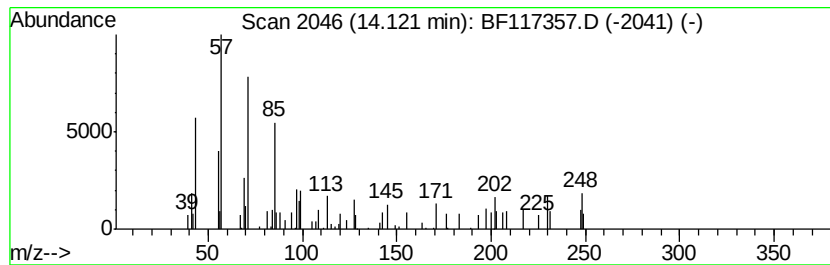
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.53 ng	65593	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	64
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
3		Hexacosane	366	C26H54	000630-01-3	64
4		Heptadecane	240	C17H36	000629-78-7	64
5		Heneicosane	296	C21H44	000629-94-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
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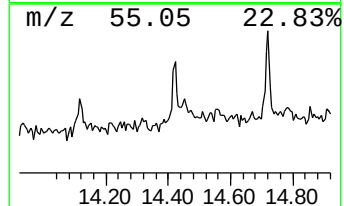
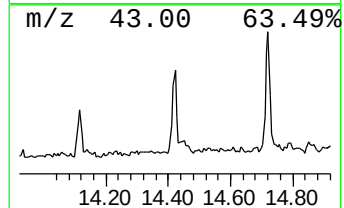
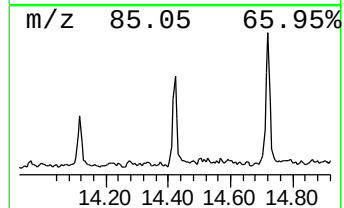
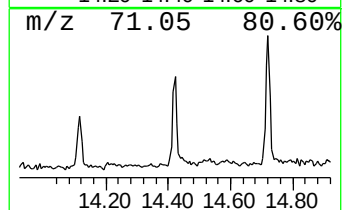
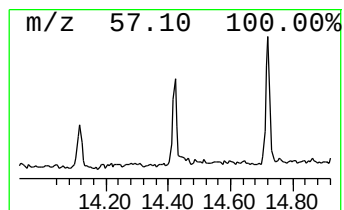
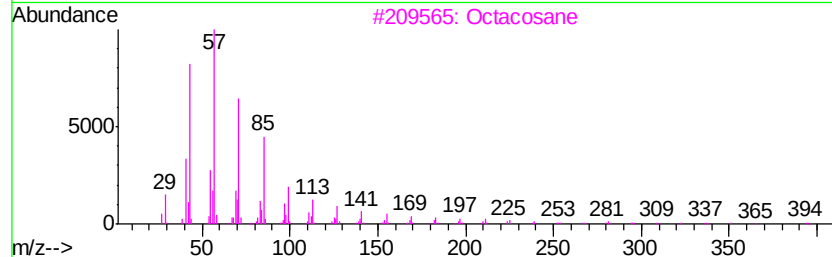
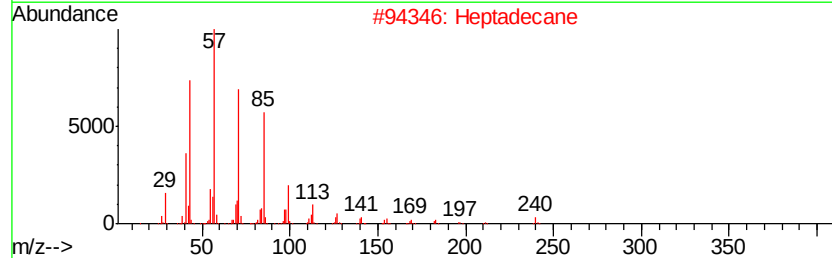
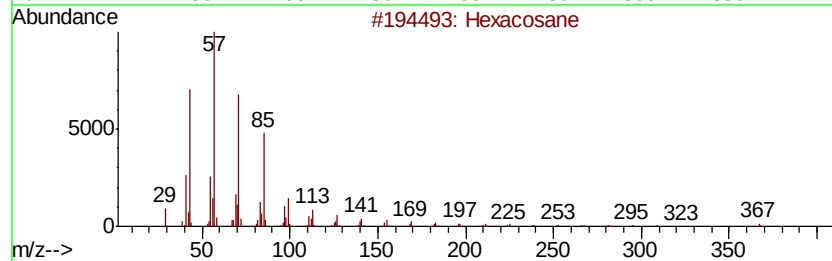
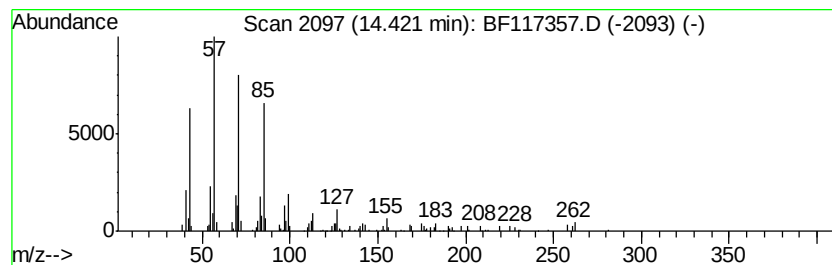
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	4.46 ng	82966	Chrysene-d12	13.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	86
2	Heptadecane	240 C17H36	000629-78-7	86
3	Octacosane	394 C28H58	000630-02-4	83
4	Nonadecane	268 C19H40	000629-92-5	80
5	Tetracosane	338 C24H50	000646-31-1	72



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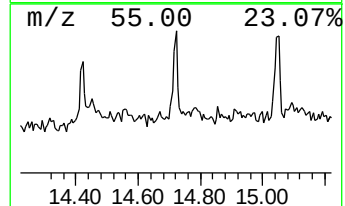
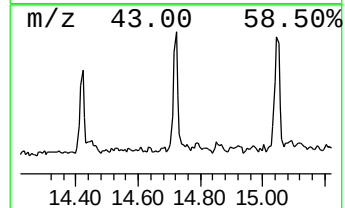
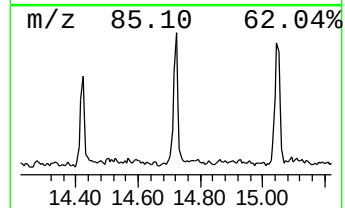
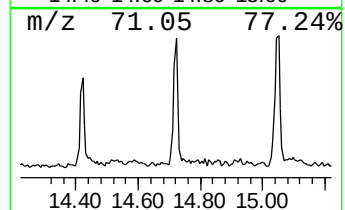
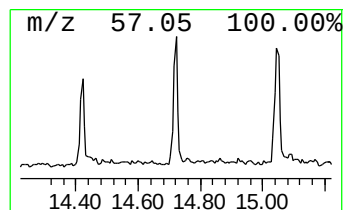
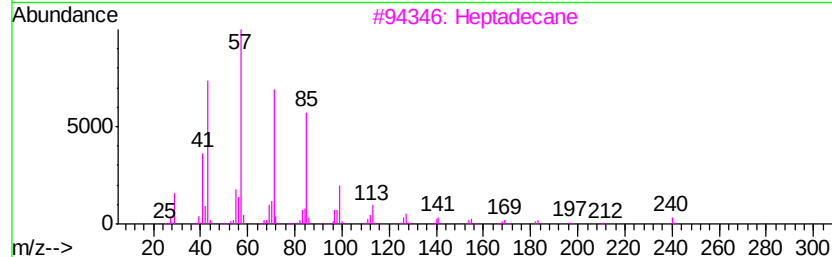
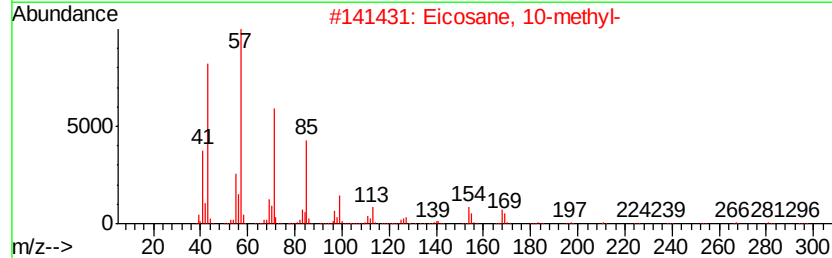
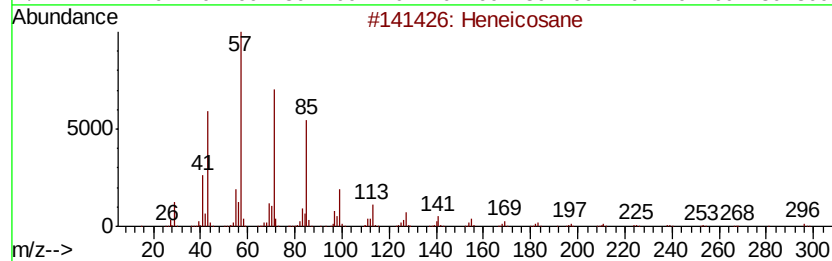
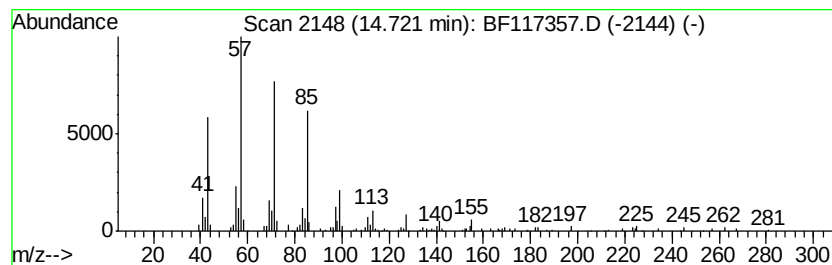
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.72	4.91 ng	115572	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Triacontane	422	C30H62	000638-68-6	86



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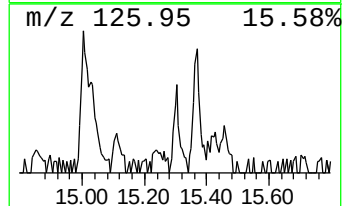
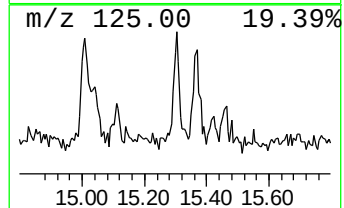
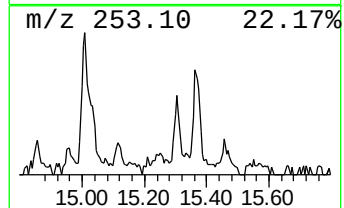
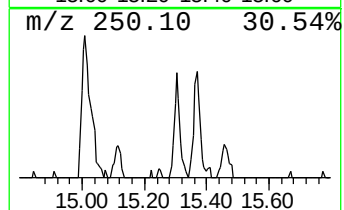
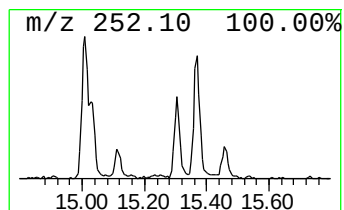
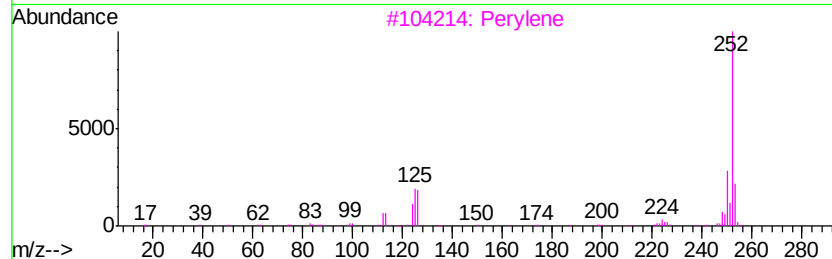
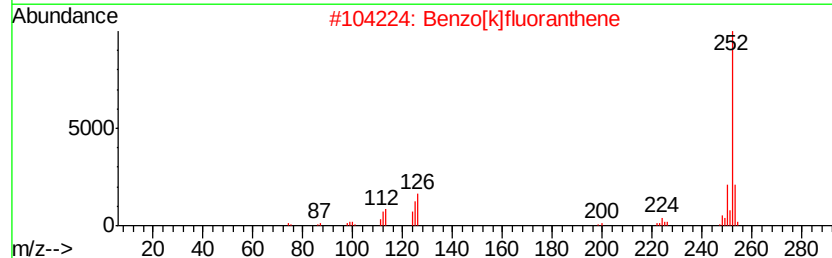
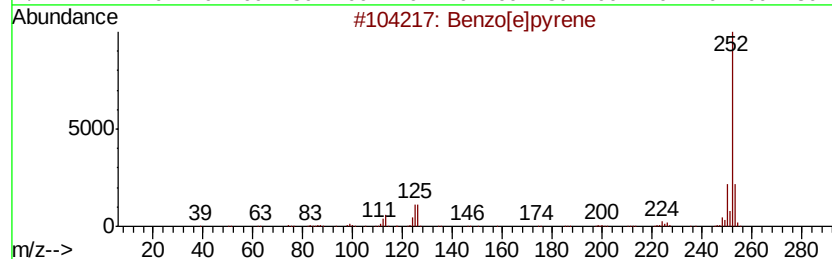
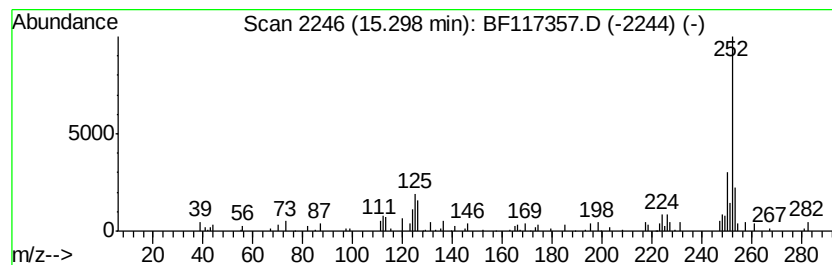
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.13 ng	50178	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



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Misc :
ALS Vial : 5 Sample Multiplier: 1

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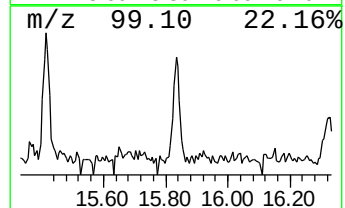
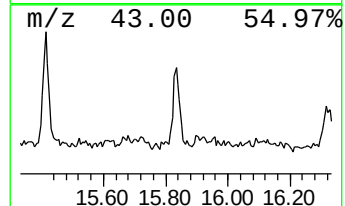
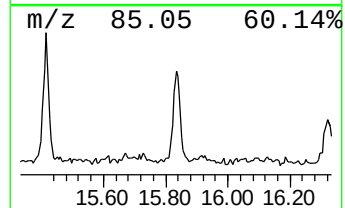
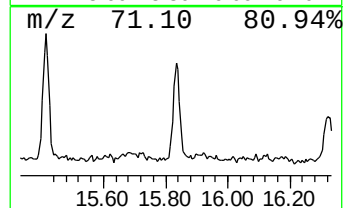
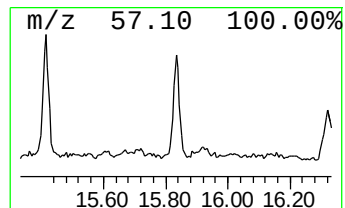
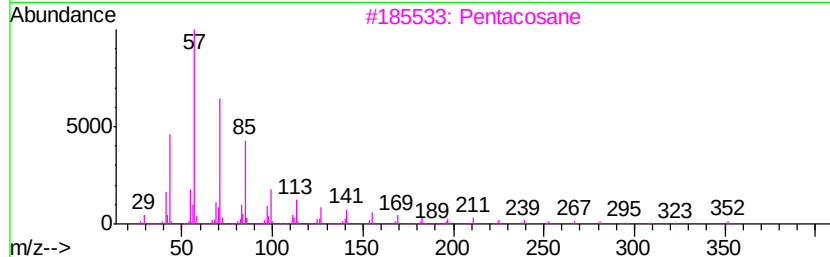
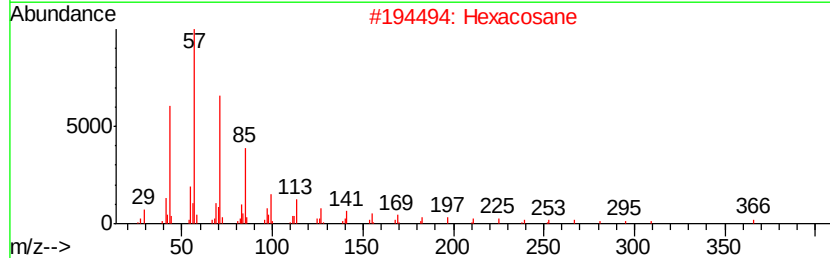
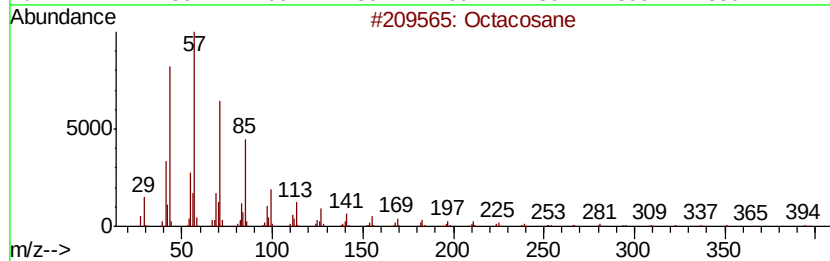
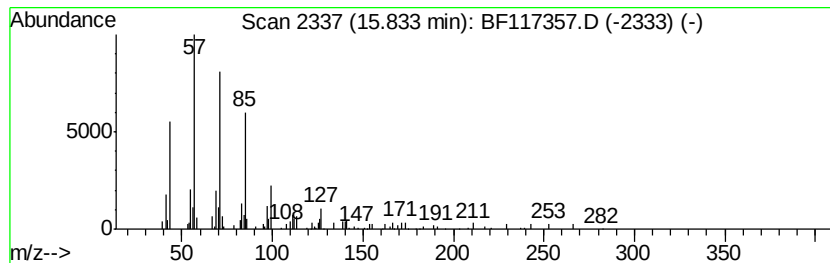
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.58 ng	107757	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	86
2		Hexacosane	366	C26H54	000630-01-3	86
3		Pentacosane	352	C25H52	000629-99-2	86
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
Data File : BF117357.D
Acq On : 9 Oct 2019 16:12
Operator : JU
Sample : K5284-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

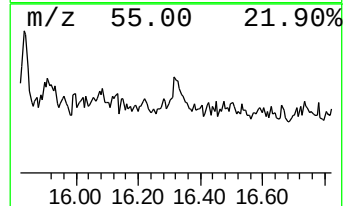
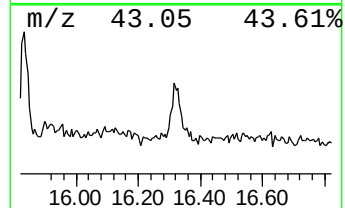
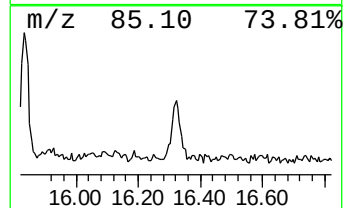
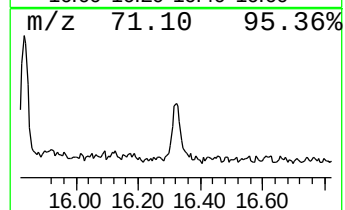
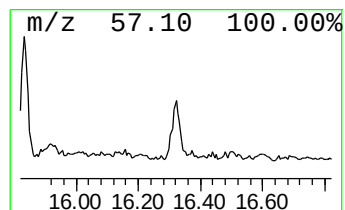
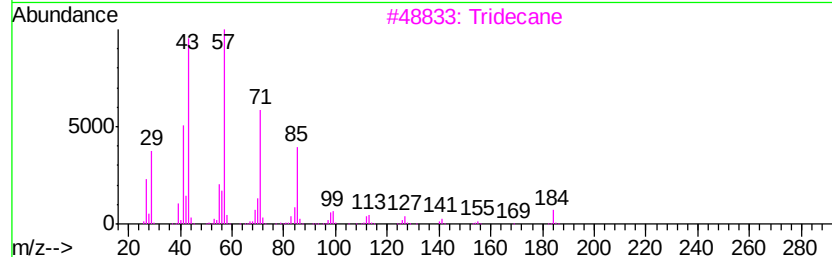
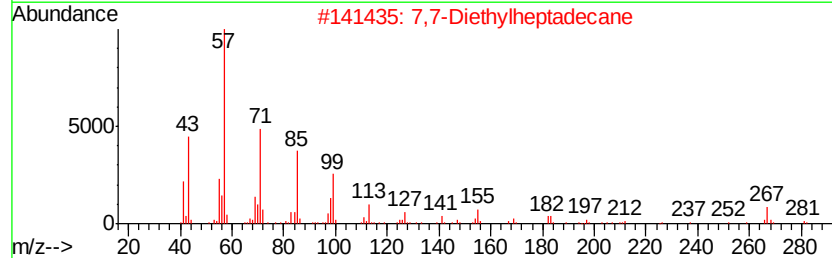
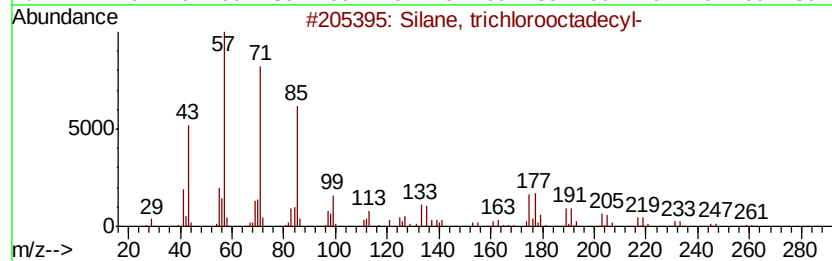
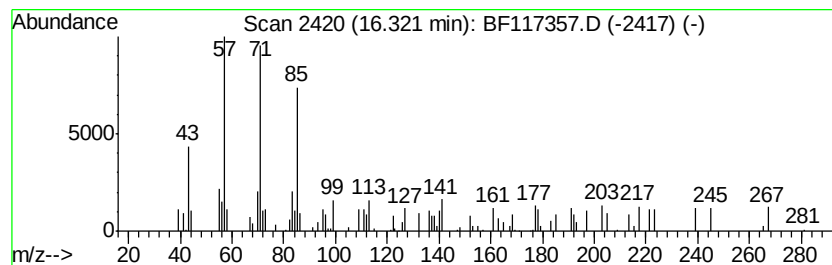
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Silane, trichlorooctadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.62 ng	61673	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	53
2		7,7-Diethylheptadecane	296	C21H44	1000360-41-5	53
3		Tridecane	184	C13H28	000629-50-5	50
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5		Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100919\
Data File : BF117357.D
Acq On : 9 Oct 2019 16:12
Operator : JU
Sample : K5284-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-016-ABCD

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
unknown5.01	5.01	2.6	ng	33576	1	6.80	254271	20.0
unknown6.57	6.57	69.2	ng	879136	1	6.80	254271	20.0
Dodecane, 2-methy...	10.75	2.5	ng	40896	4	11.32	324752	20.0
Tetradecanoic acid	11.84	6.2	ng	100179	4	11.32	324752	20.0
4H-Cyclopenta[def...	11.94	2.2	ng	35785	4	11.32	324752	20.0
1-Decanol, 2-octyl-	13.80	7.9	ng	146388	5	13.97	371962	20.0
Hexadecane	14.12	3.5	ng	65593	5	13.97	371962	20.0
Hexacosane	14.42	4.5	ng	82966	5	13.97	371962	20.0
Heneicosane	14.72	4.9	ng	115572	6	15.43	470542	20.0
Benzo[e]pyrene	15.30	2.1	ng	50178	6	15.43	470542	20.0
Octacosane	15.83	4.6	ng	107757	6	15.43	470542	20.0
Silane, trichloro...	16.32	2.6	ng	61673	6	15.43	470542	20.0