

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115300.D
 Acq On : 28 Jun 2019 23:42
 Operator : HP/JU
 Sample : K3528-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

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-BF062119.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	4.431	418	424	430	rBV	139945	168181	2.78%	0.294%
2	5.196	548	554	557	rBV	4475733	4678893	77.29%	8.171%
3	6.237	726	731	734	rBV	4212450	4917425	81.23%	8.588%
4	6.266	734	736	742	rVB	129075	117789	1.95%	0.206%
5	6.366	748	753	756	rBV	5258194	5028316	83.07%	8.781%
6	6.595	788	792	796	rBV	1768222	1410435	23.30%	2.463%
7	6.754	815	819	822	rBV	4762546	4075855	67.33%	7.118%
8	7.160	882	888	891	rBV	3406539	3157174	52.16%	5.514%
9	7.878	1006	1010	1013	rBV	2247534	1800070	29.74%	3.144%
10	8.954	1188	1193	1196	rBV	6264548	5698563	94.14%	9.952%
11	9.348	1256	1260	1266	rVB	742335	606354	10.02%	1.059%
12	9.625	1301	1307	1310	rBV	2226068	2177095	35.96%	3.802%
13	10.401	1435	1439	1443	rBV	3709241	3840901	63.45%	6.708%
14	11.095	1553	1557	1560	rBV	2646525	2320568	38.33%	4.053%
15	11.166	1563	1569	1574	rVB4	44991	68061	1.12%	0.119%
16	11.566	1634	1637	1640	rBV	99537	104527	1.73%	0.183%
17	11.648	1647	1651	1658	rBV	1415746	1374807	22.71%	2.401%
18	11.701	1658	1660	1668	rVB4	54901	79952	1.32%	0.140%
19	12.213	1743	1747	1754	rVB8	33267	63007	1.04%	0.110%
20	12.295	1757	1761	1764	rBV	264104	223431	3.69%	0.390%
21	12.348	1764	1770	1775	rBV3	76552	139861	2.31%	0.244%
22	12.424	1780	1783	1791	rBV	434224	491452	8.12%	0.858%
23	12.519	1795	1799	1802	rVB	277527	259822	4.29%	0.454%
24	12.677	1822	1826	1830	rBV	6044820	6053414	100.00%	10.572%
25	13.436	1952	1955	1957	rBV	83868	75910	1.25%	0.133%
26	13.601	1979	1983	1997	rBV3	361664	1089579	18.00%	1.903%
27	13.713	1997	2002	2005	rBV	2426201	2308552	38.14%	4.032%
28	13.913	2033	2036	2041	rBV2	130022	126800	2.09%	0.221%
29	14.218	2084	2088	2092	rBV	255740	253344	4.19%	0.442%
30	14.513	2134	2138	2141	rBV	285593	248106	4.10%	0.433%
31	14.577	2145	2149	2152	rVB	522029	480849	7.94%	0.840%
32	14.695	2166	2169	2172	rBV	169122	224271	3.70%	0.392%
33	14.807	2185	2188	2193	rVB	401607	442764	7.31%	0.773%
34	14.960	2211	2214	2220	rVB	105083	124196	2.05%	0.217%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.013	2220	2223	2228	rVB	144737	143298	2.37%	0.250%
36	15.071	2228	2233	2237	rBV	1730862	1949801	32.21%	3.405%
37	15.142	2242	2245	2253	rVB	279521	330497	5.46%	0.577%
38	15.524	2305	2310	2314	rBV	258950	380860	6.29%	0.665%
39	15.960	2380	2384	2389	rBV	85468	114927	1.90%	0.201%
40	16.324	2443	2446	2454	rVB2	64336	111897	1.85%	0.195%

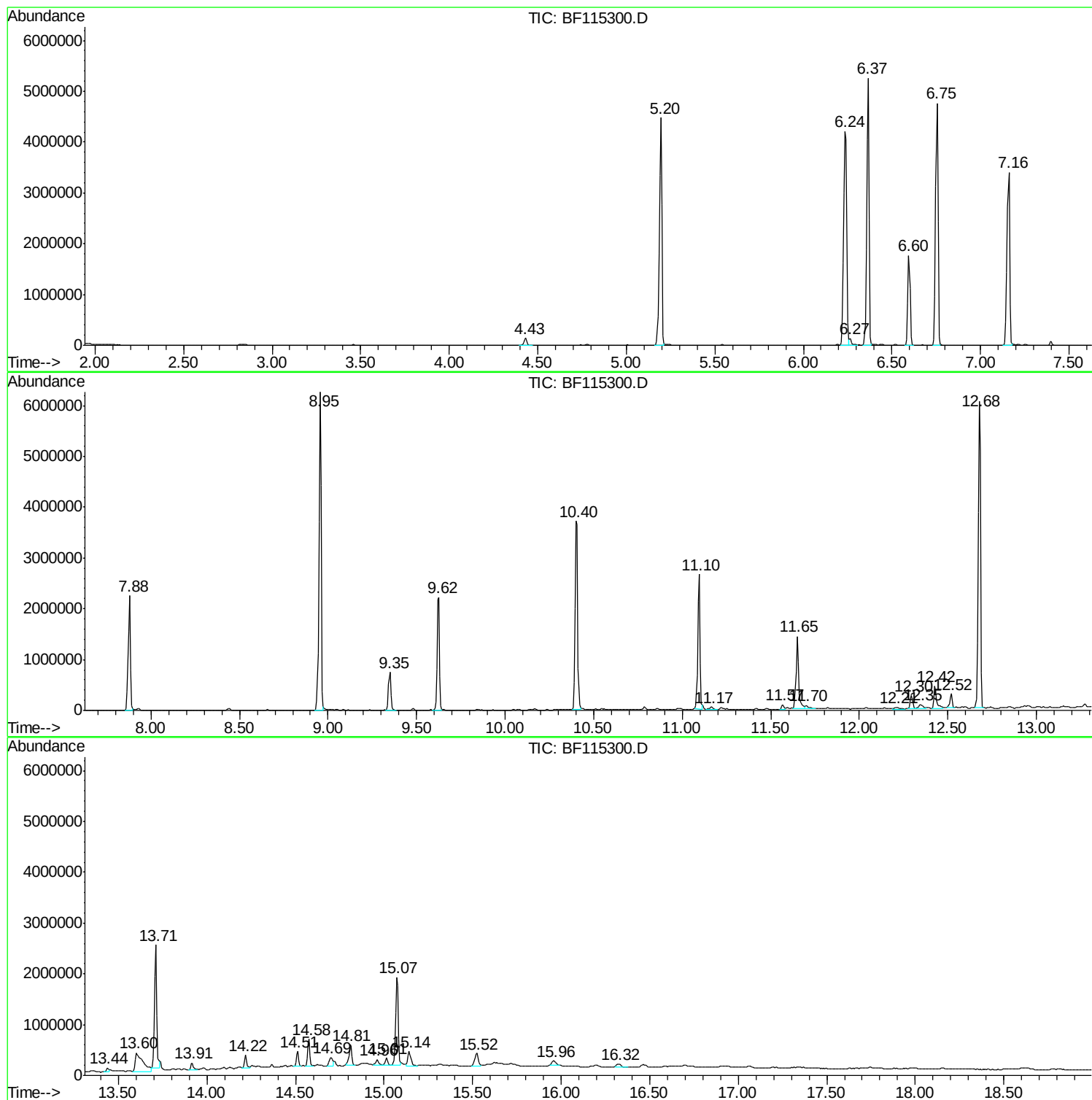
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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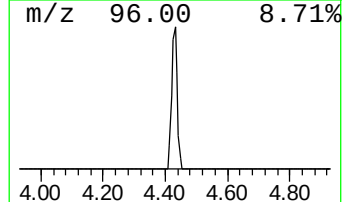
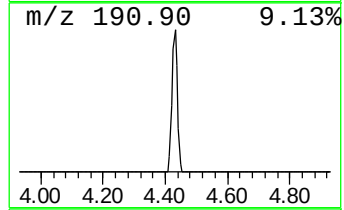
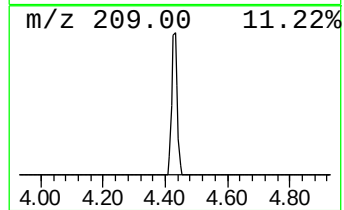
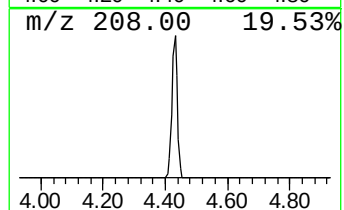
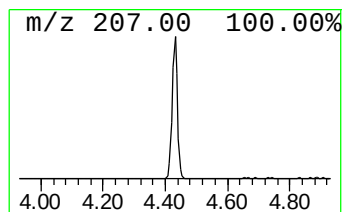
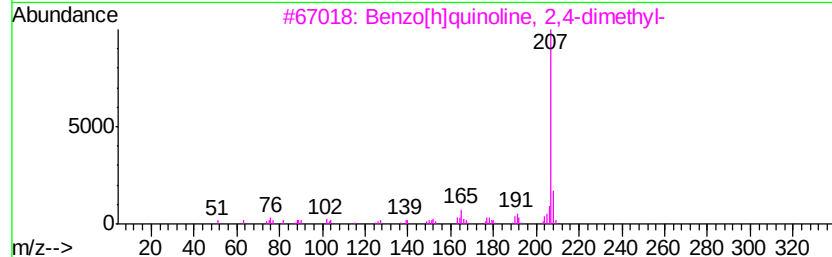
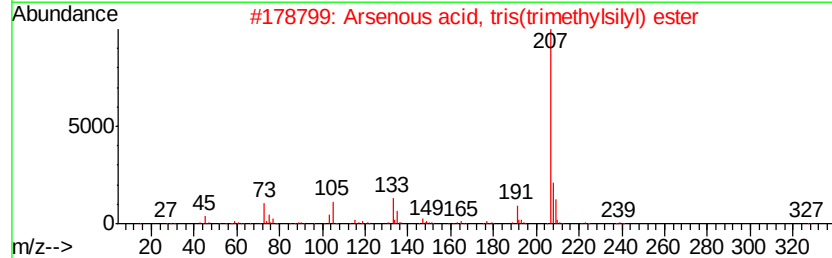
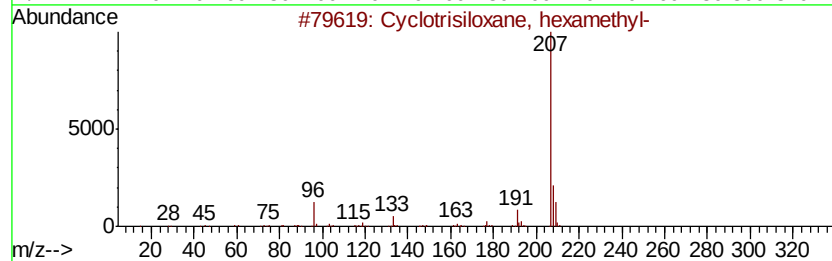
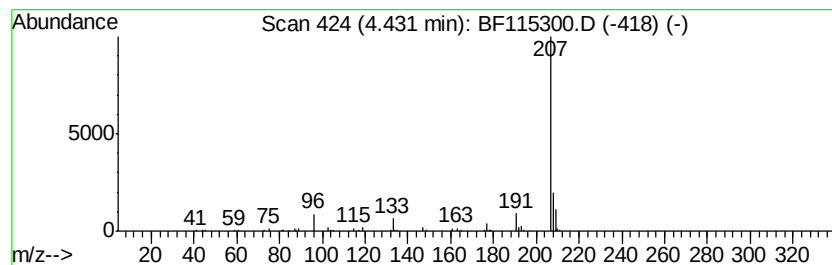
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	2.38 ng	168181	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2		Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3		Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	45
4		o-(p-Tolyl) 1-azetidinecarbothioate	207	C11H13NOS	010560-24-4	45
5		4-Cyclohexene-1,2-dicarboximide,...	207	C12H17N02	028916-00-9	42



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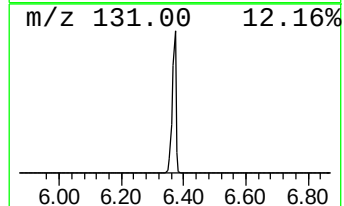
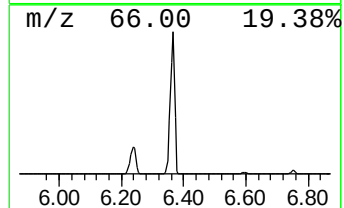
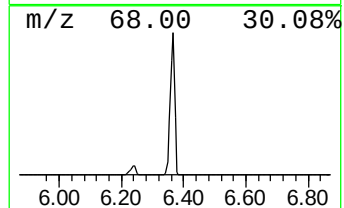
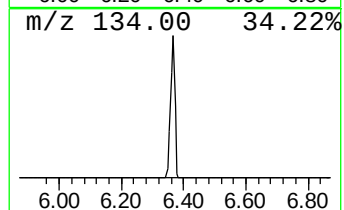
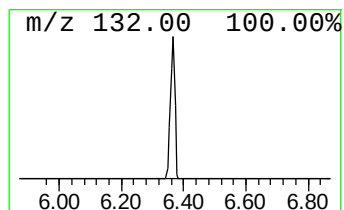
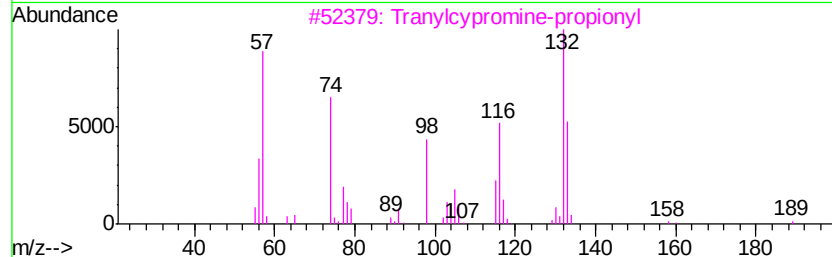
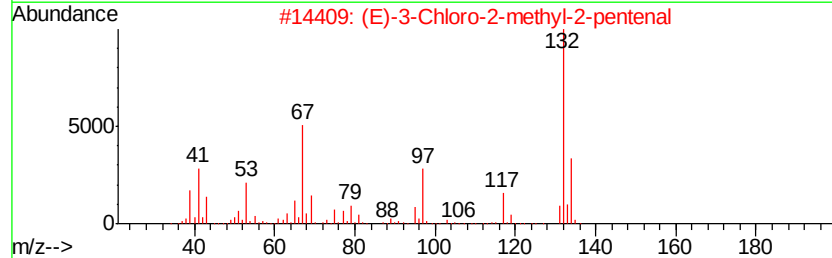
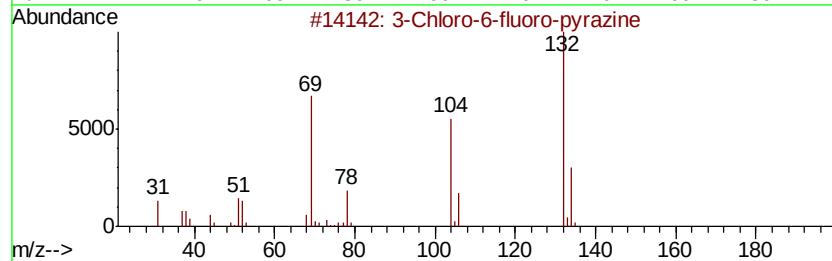
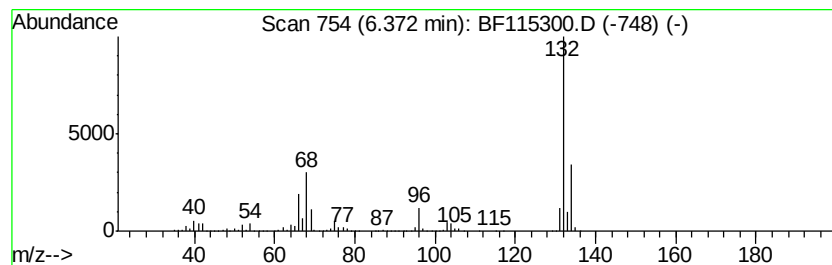
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Peak Number 2 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	71.30 ng	5028320	1,4-Dichlorobenzene-d4	6.60

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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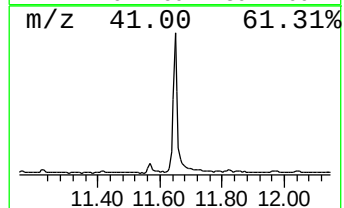
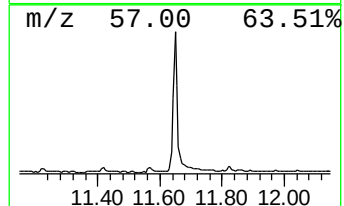
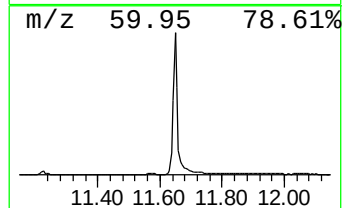
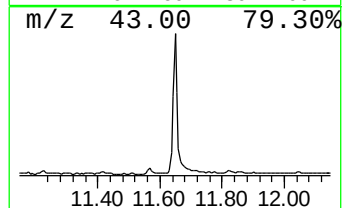
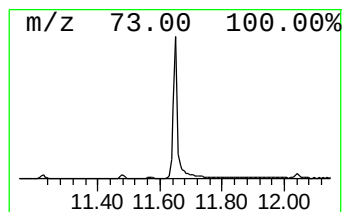
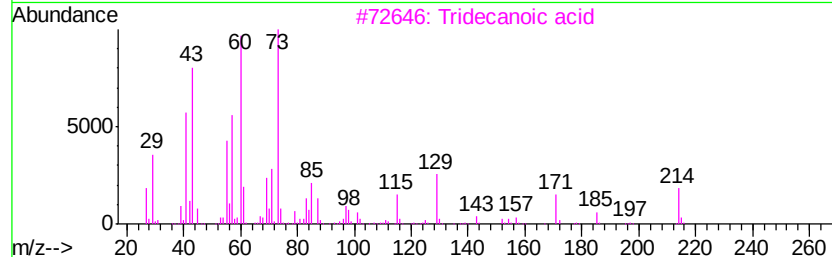
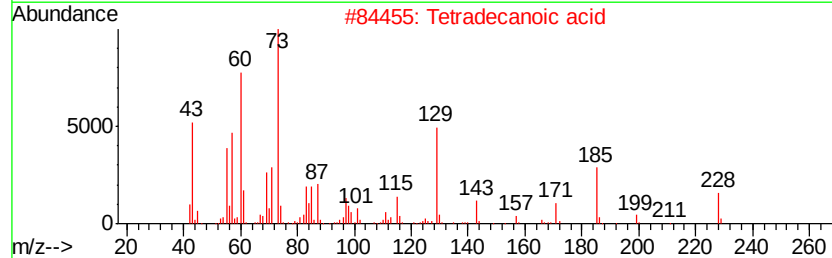
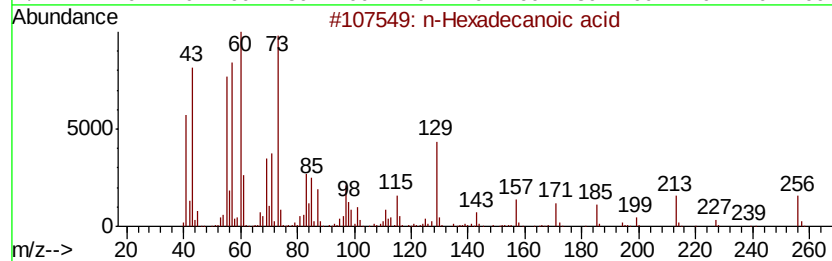
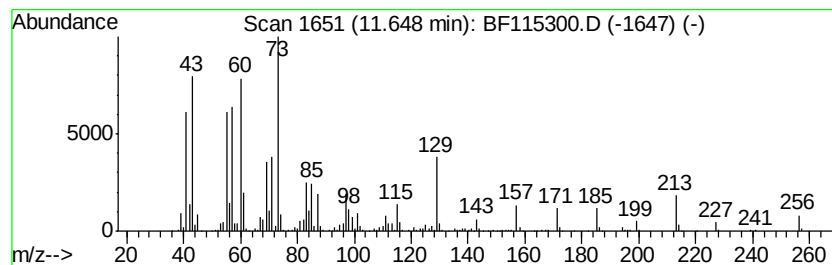
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	11.85 ng	1374810	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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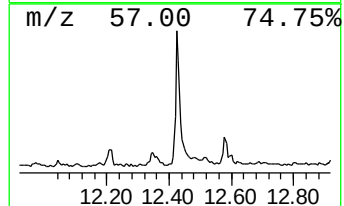
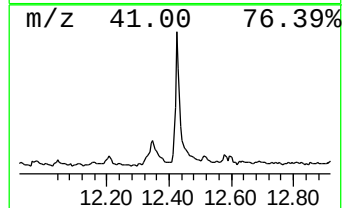
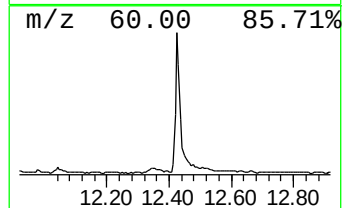
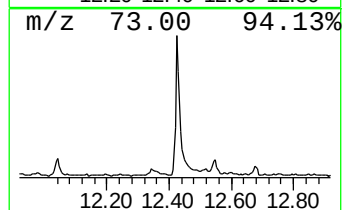
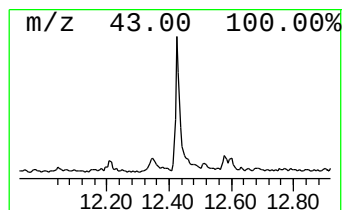
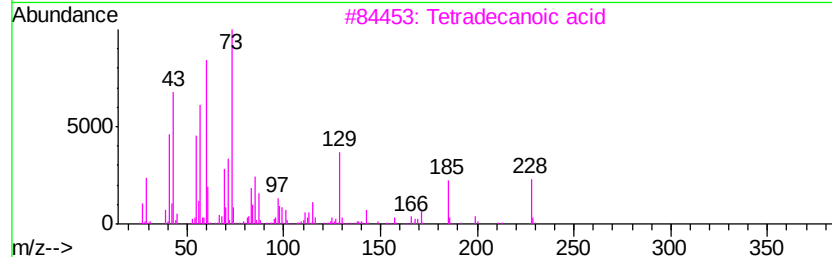
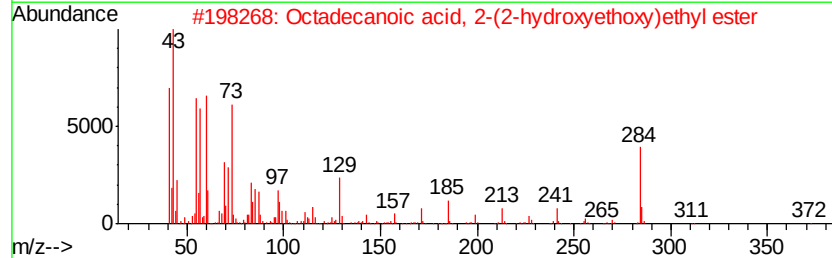
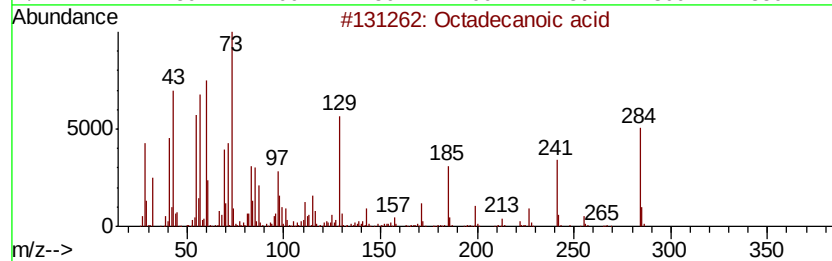
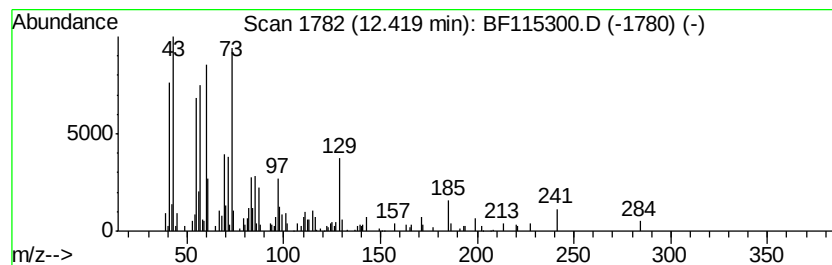
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.26 ng	491452	Chrysene-d12	13.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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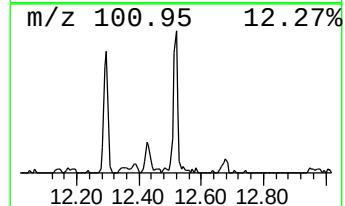
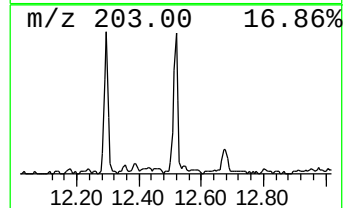
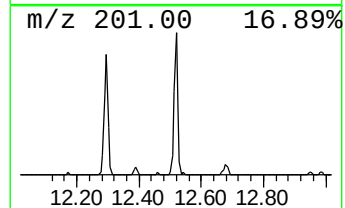
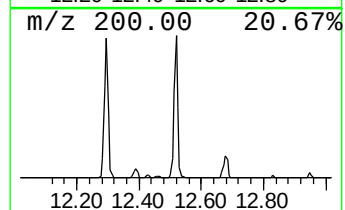
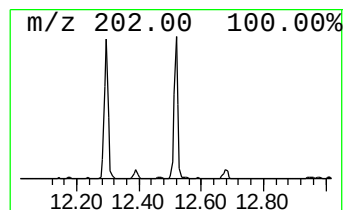
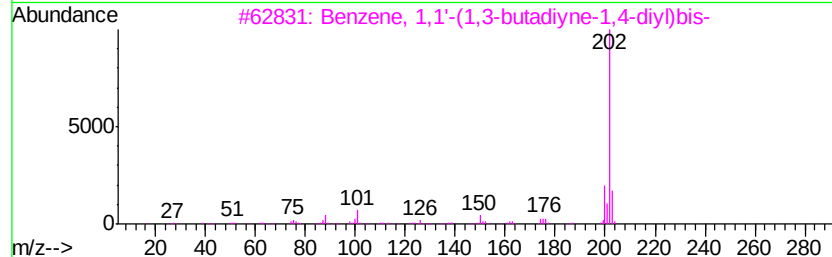
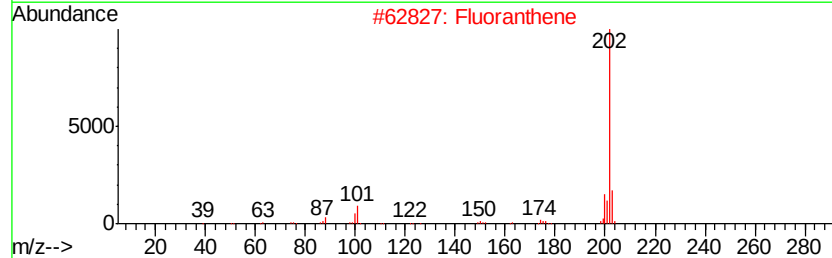
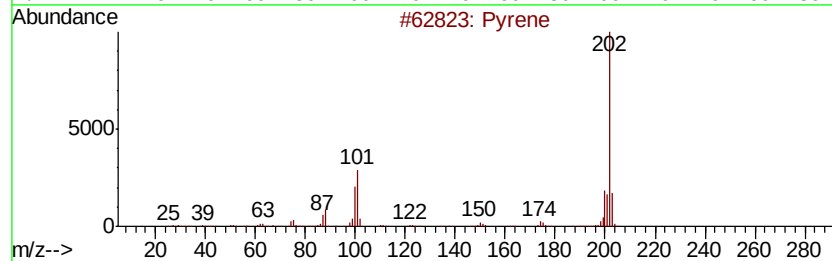
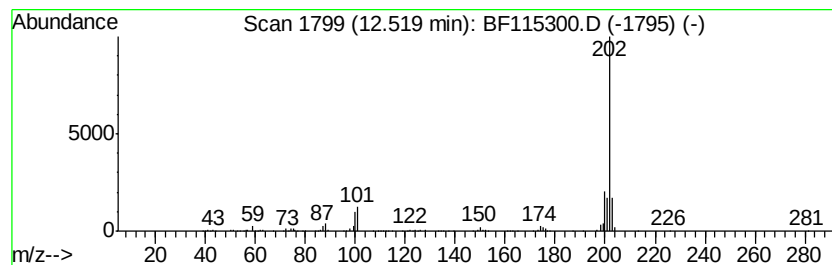
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.25 ng	259822	Chrysene-d12	13.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene	202	C16H10	000129-00-0	95
2		Fluoranthene	202	C16H10	000206-44-0	91
3		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	59
4		Pyrene, 10b,10c-dihydro-10b,10c-...	288	C22H24	028816-94-6	38
5		l-Leucine, N-methyl-N-(2-methoxy...	499	C29H57NO5	1000328-55-2	33



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Data File : BF115300.D
Acq On : 28 Jun 2019 23:42
Operator : HP/JU
Sample : K3528-04
Misc :
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Instrument :
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ClientSampleId :
SB-07-COMP

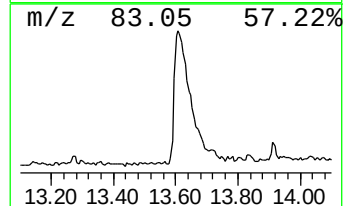
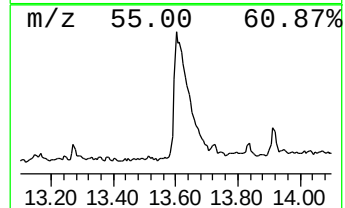
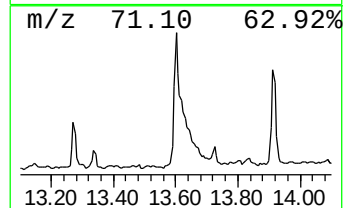
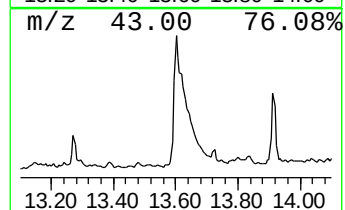
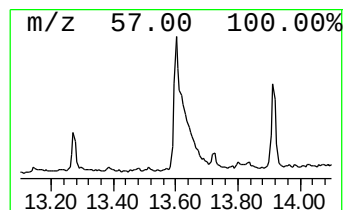
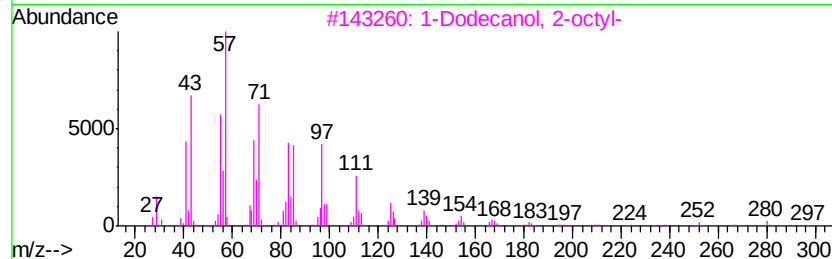
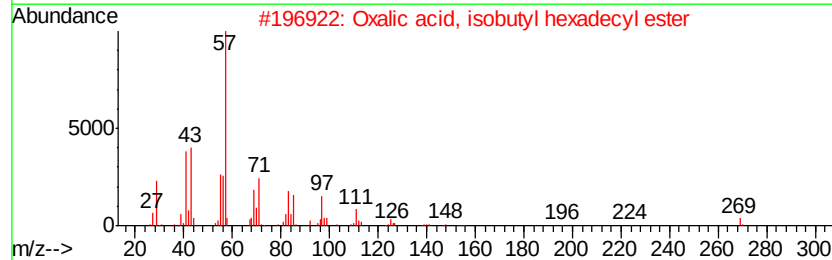
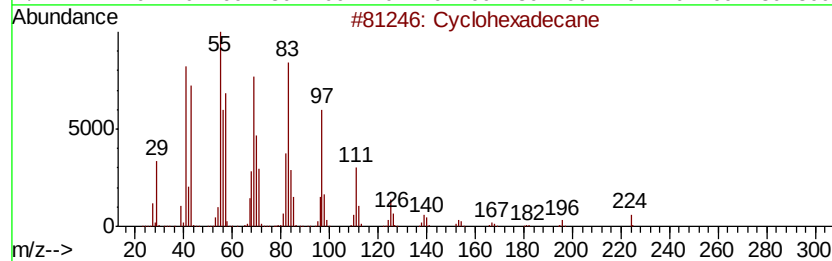
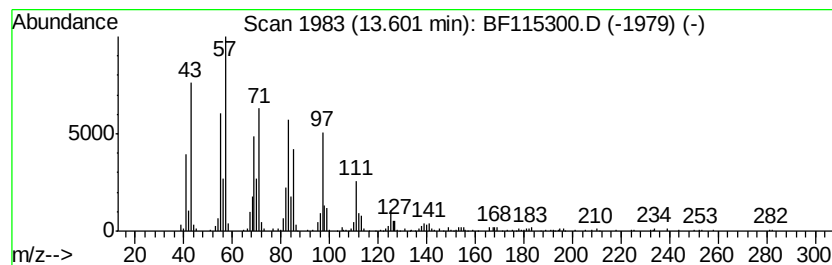
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	9.44 ng	1089580	Chrysene-d12	13.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	96
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115300.D
Acq On : 28 Jun 2019 23:42
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ClientSampleId :
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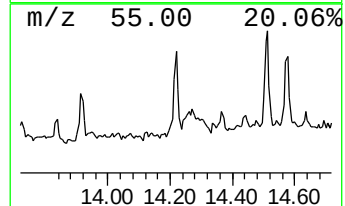
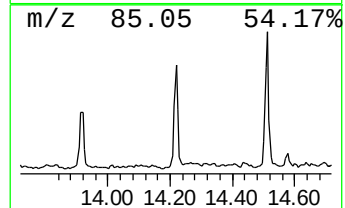
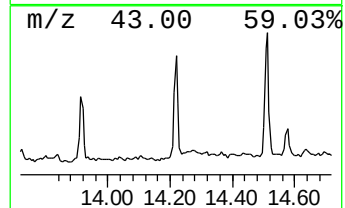
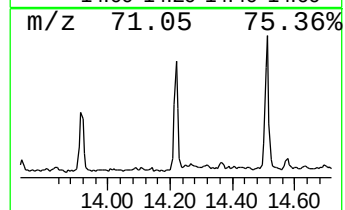
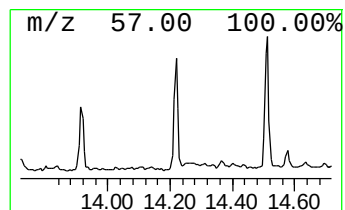
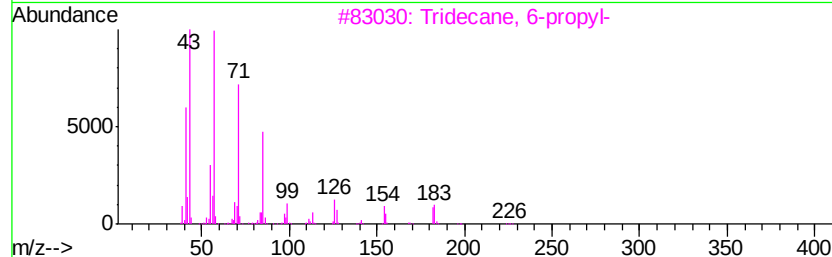
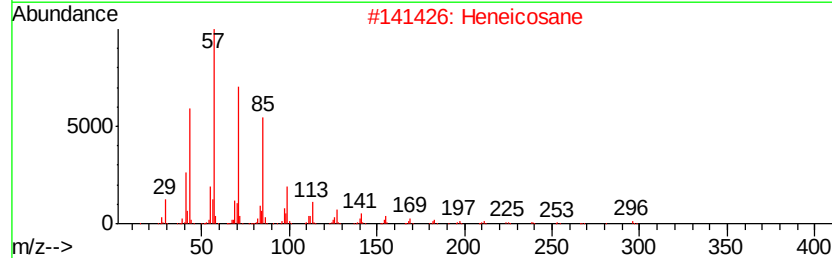
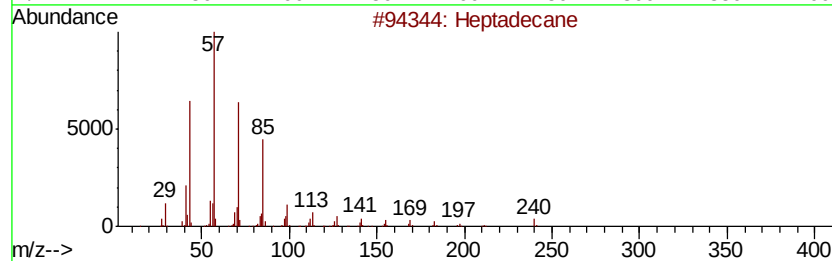
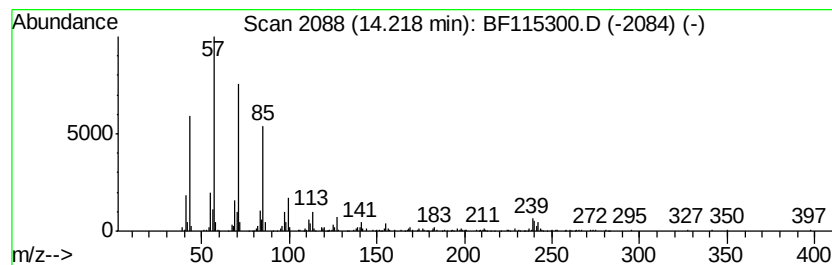
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.19 ng	253344	Chrysene-d12	13.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Heneicosane		296	C21H44	000629-94-7	90
3	Tridecane, 6-propyl-		226	C16H34	055045-10-8	87
4	Hexadecane		226	C16H34	000544-76-3	83
5	Tetradecane		198	C14H30	000629-59-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115300.D
Acq On : 28 Jun 2019 23:42
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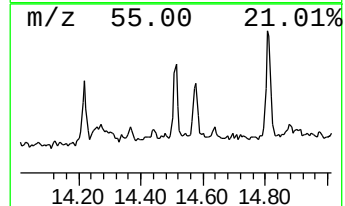
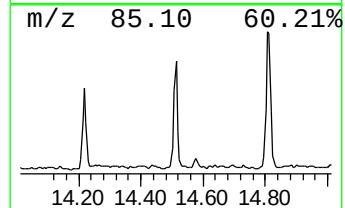
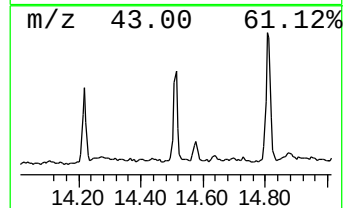
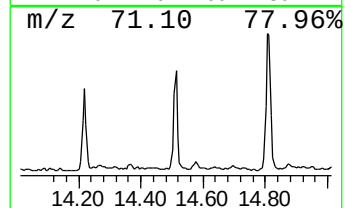
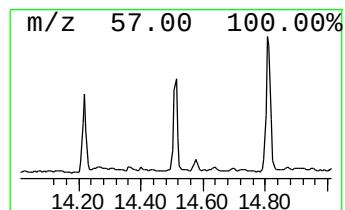
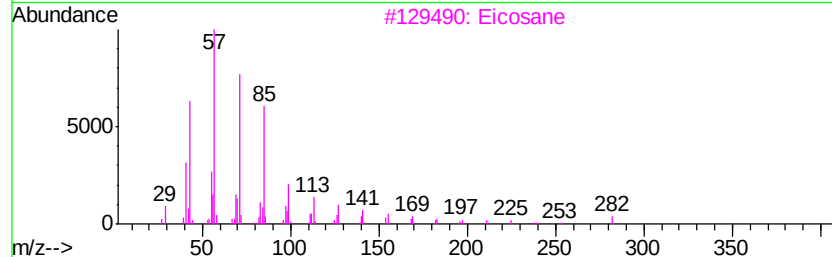
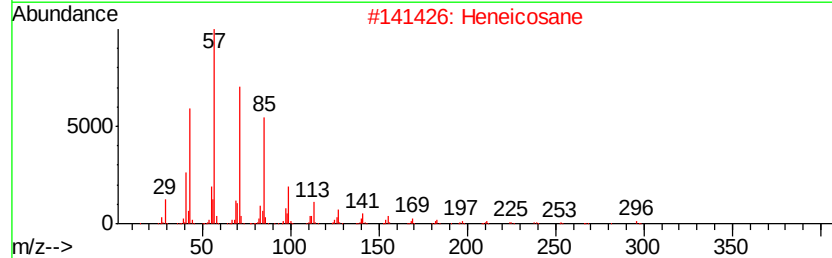
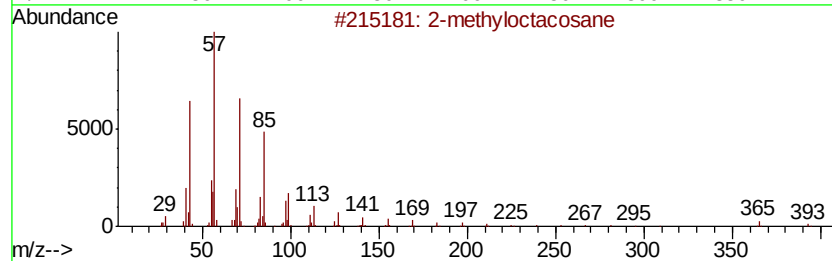
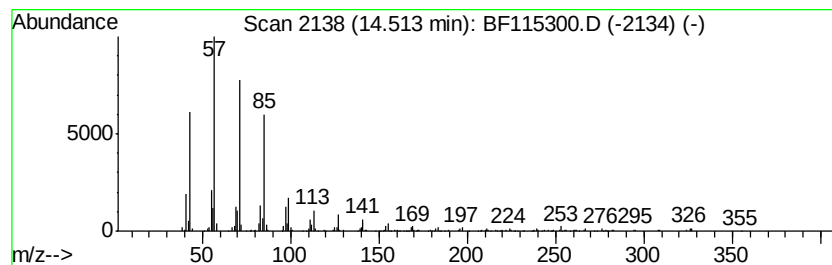
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.54 ng	248106	Perylene-d12	15.07

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		Eicosane	282	C20H42	000112-95-8	91
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	81
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115300.D
Acq On : 28 Jun 2019 23:42
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Sample : K3528-04
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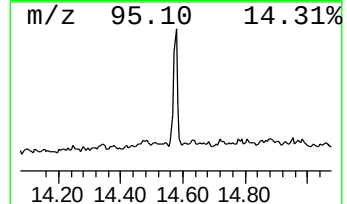
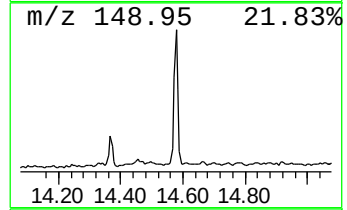
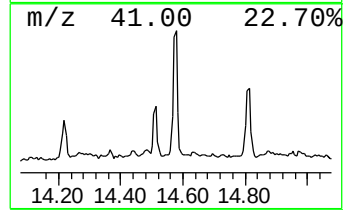
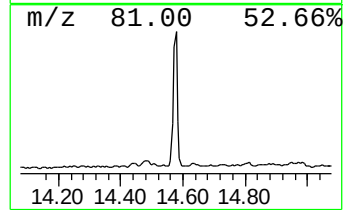
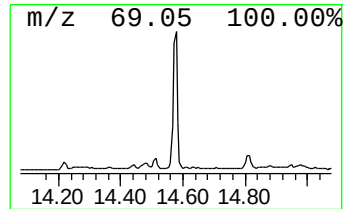
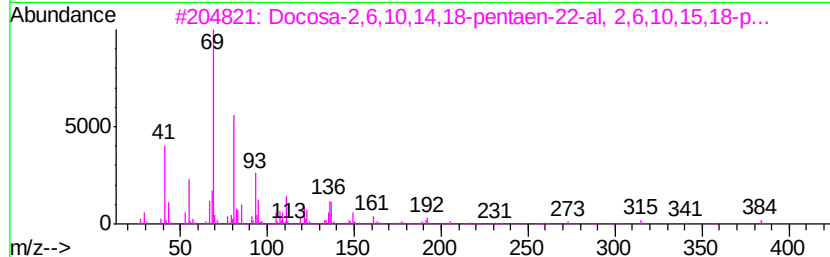
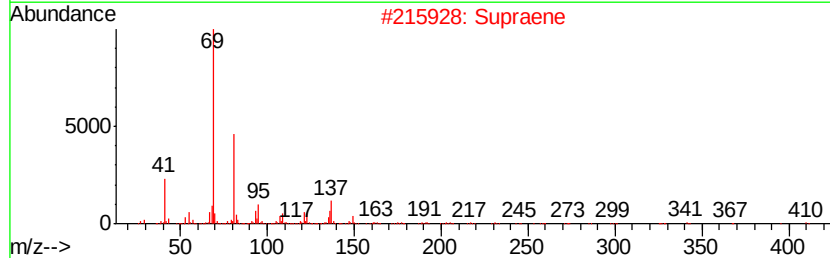
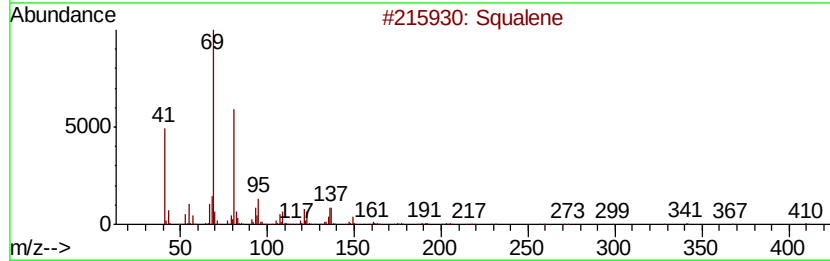
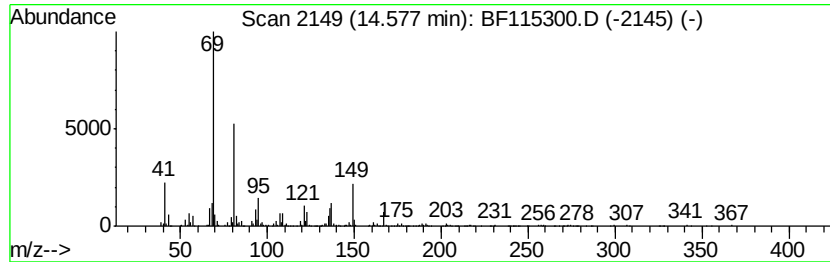
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	4.93 ng	480849	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Supraene	410	C30H50	007683-64-9	87
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
4		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
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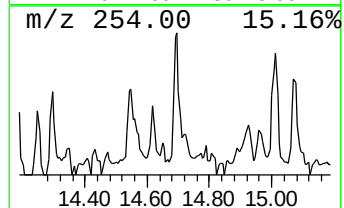
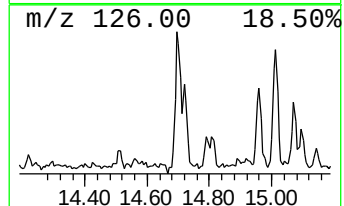
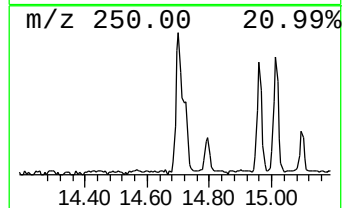
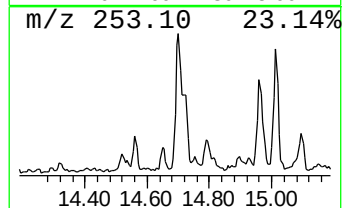
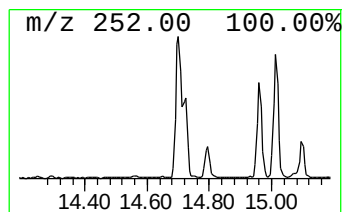
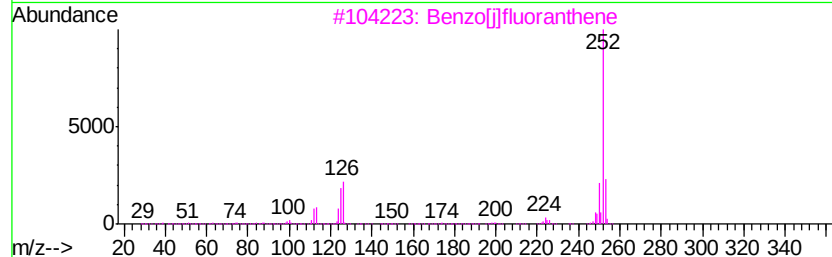
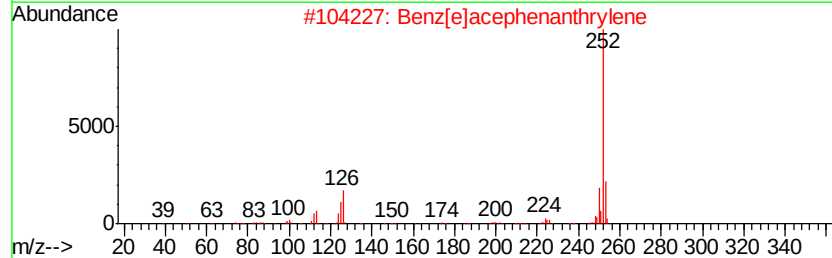
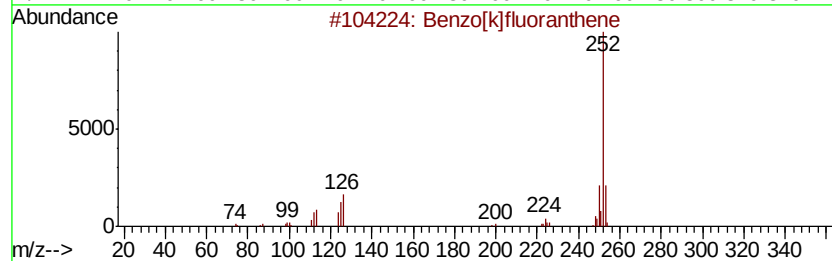
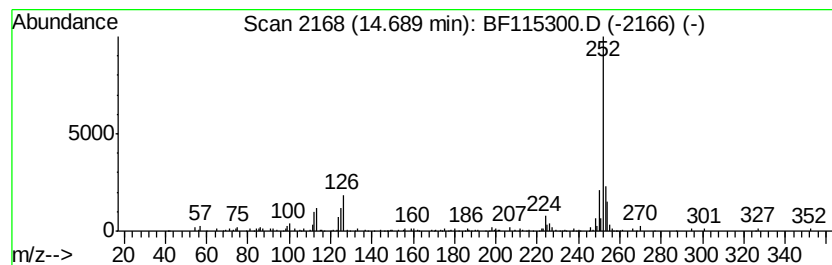
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.30 ng	224271	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
4		Benzo[e]pyrene	252	C20H12	000192-97-2	95
5		Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
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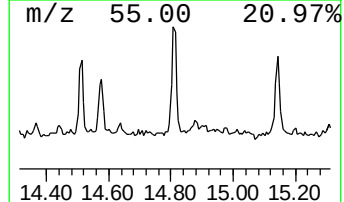
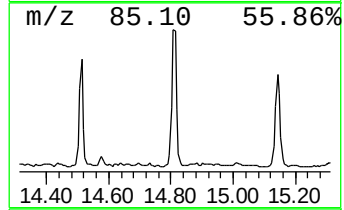
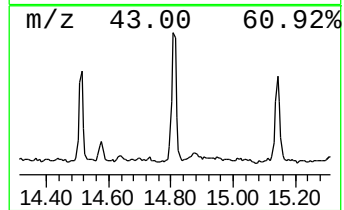
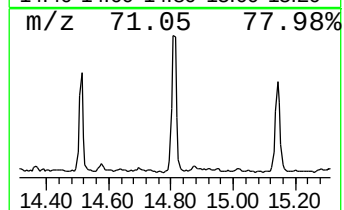
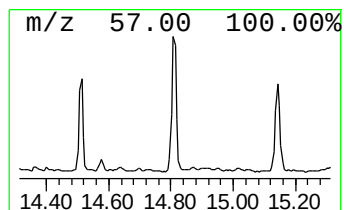
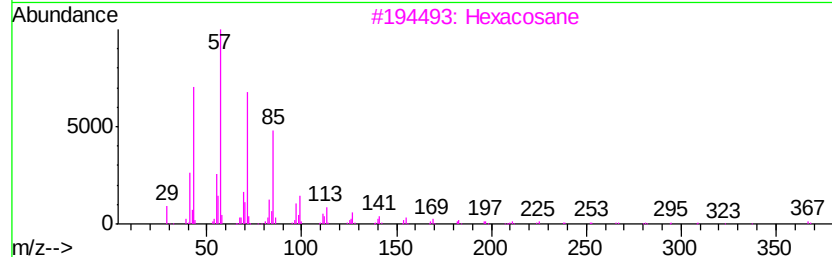
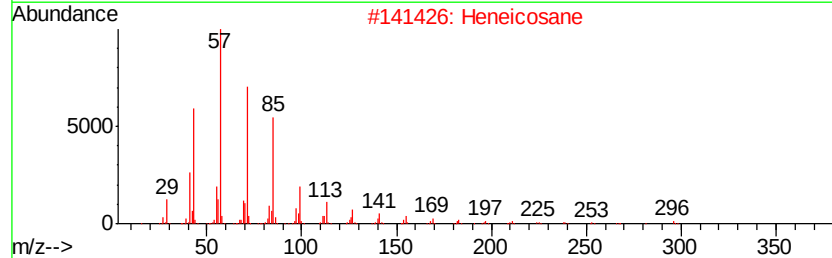
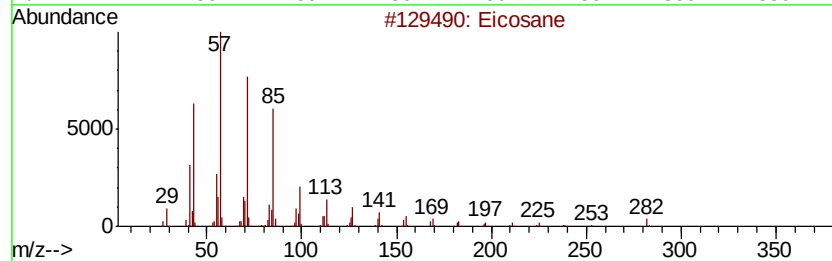
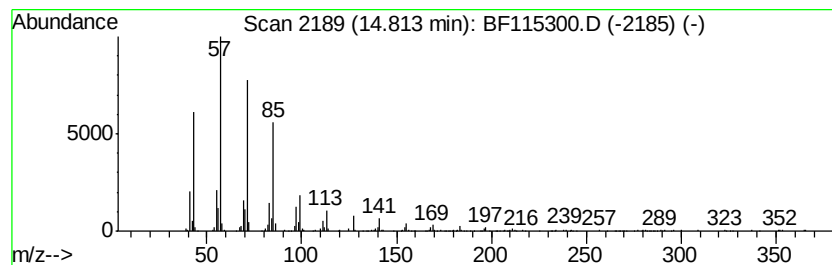
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.54 ng	442764	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115300.D
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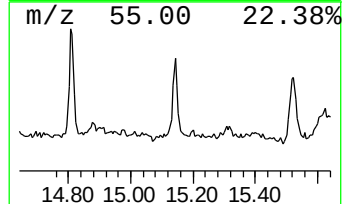
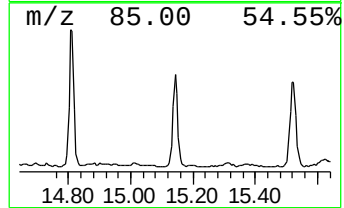
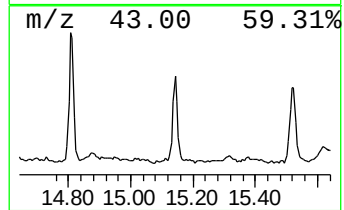
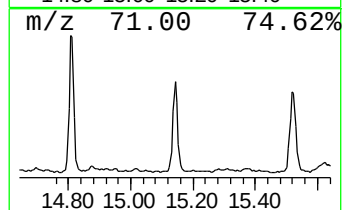
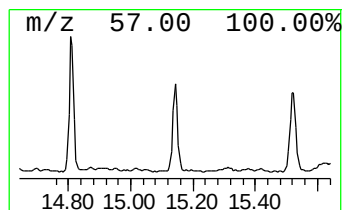
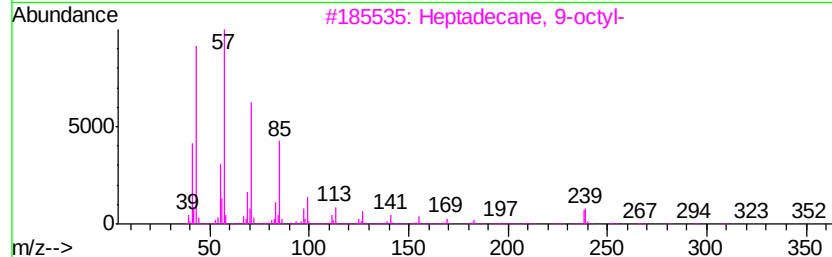
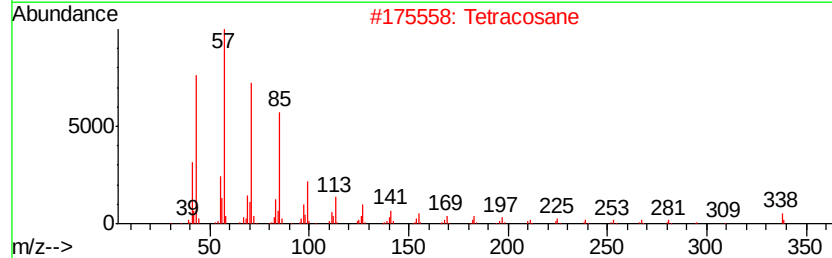
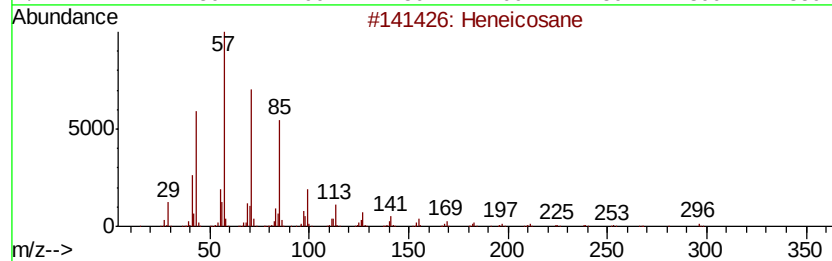
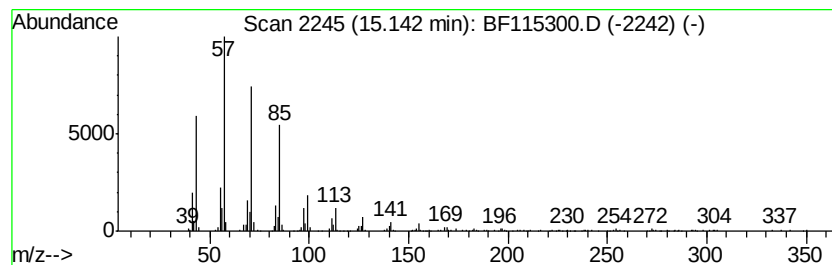
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.39 ng	330497	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
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Acq On : 28 Jun 2019 23:42
Operator : HP/JU
Sample : K3528-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

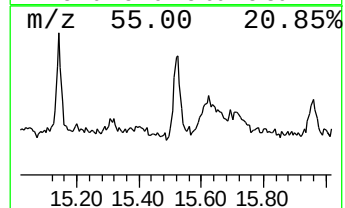
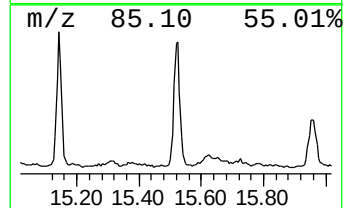
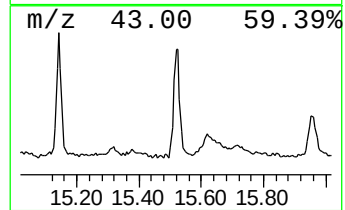
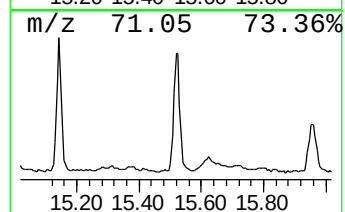
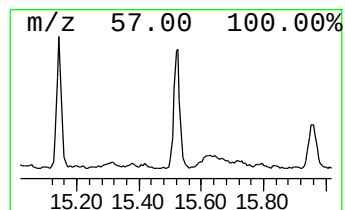
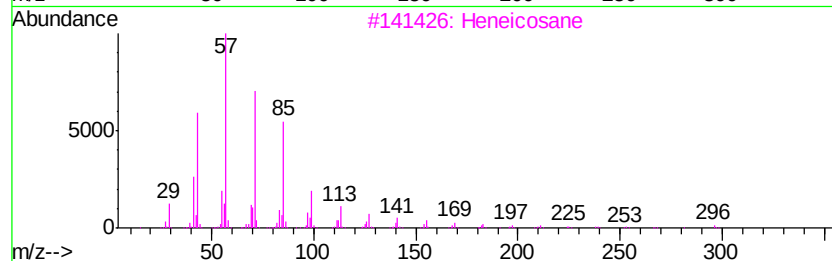
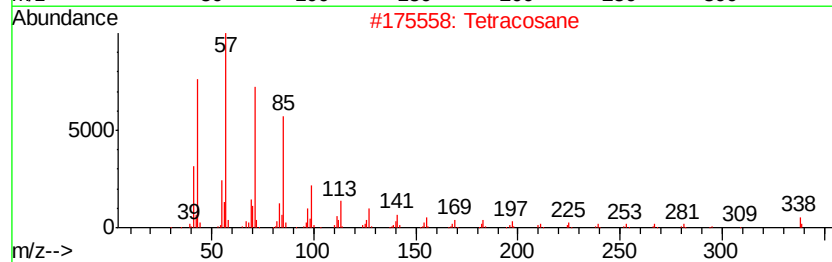
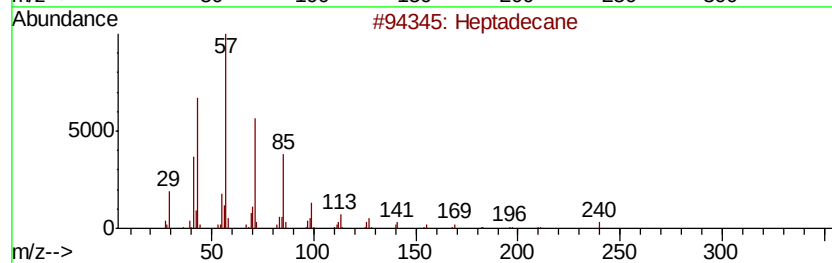
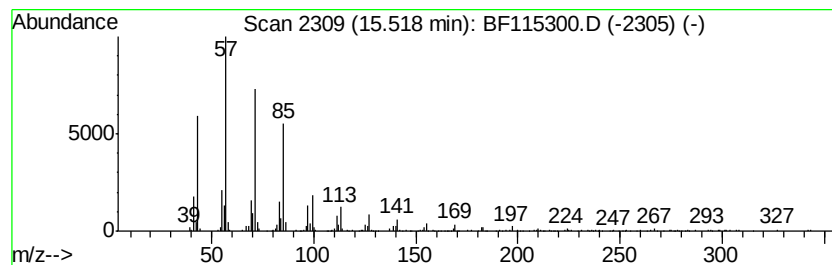
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.91 ng	380860	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\
 Data File : BF115300.D
 Acq On : 28 Jun 2019 23:42
 Operator : HP/JU
 Sample : K3528-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
Cyclotrisiloxane,...	4.43	2.4	ng	168181	1	6.60	1410440	20.0
unknown6.37	6.37	71.3	ng	5028320	1	6.60	1410440	20.0
n-Hexadecanoic acid	11.65	11.9	ng	1374810	4	11.10	2320570	20.0
Octadecanoic acid	12.42	4.3	ng	491452	5	13.71	2308550	20.0
Benzene, 1,1'-(1,...	12.52	2.3	ng	259822	5	13.71	2308550	20.0
Cyclohexadecane	13.60	9.4	ng	1089580	5	13.71	2308550	20.0
Heptadecane	14.22	2.2	ng	253344	5	13.71	2308550	20.0
2-methyloctacosane	14.51	2.5	ng	248106	6	15.07	1949800	20.0
Squalene	14.58	4.9	ng	480849	6	15.07	1949800	20.0
Benzo[e]pyrene	14.69	2.3	ng	224271	6	15.07	1949800	20.0
Eicosane	14.81	4.5	ng	442764	6	15.07	1949800	20.0
Heneicosane	15.14	3.4	ng	330497	6	15.07	1949800	20.0
Heptadecane, 2,6,...	15.52	3.9	ng	380860	6	15.07	1949800	20.0