

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119747.D
 Acq On : 4 Apr 2020 6:14
 Operator : MA/SJ
 Sample : L2129-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF031820.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	4.522	409	414	419	rBV	142873	168435	2.32%	0.278%
2	5.039	498	502	509	rVB	85684	137481	1.89%	0.227%
3	5.428	562	568	571	rVB	6442318	7108551	97.86%	11.734%
4	6.439	734	740	743	rBV	5339140	7176744	98.80%	11.846%
5	6.804	798	802	805	rBV	1504217	1174939	16.17%	1.939%
6	6.963	824	829	832	rBV	6093590	5435155	74.82%	8.972%
7	7.369	892	898	901	rBV	4154918	4781109	65.82%	7.892%
8	8.086	1015	1020	1023	rBV	1887960	1533063	21.10%	2.531%
9	9.169	1198	1204	1207	rBV	7643174	7264020	100.00%	11.991%
10	9.557	1267	1270	1275	rBV	1009253	875930	12.06%	1.446%
11	9.780	1306	1308	1312	rVB	102491	75841	1.04%	0.125%
12	9.845	1312	1319	1322	rBV	2001992	1632127	22.47%	2.694%
13	10.045	1350	1353	1356	rBV	98851	85276	1.17%	0.141%
14	10.280	1390	1393	1395	rVB	132471	95936	1.32%	0.158%
15	10.392	1409	1412	1418	rBV4	50848	83254	1.15%	0.137%
16	10.504	1427	1431	1434	rBV	107411	115315	1.59%	0.190%
17	10.639	1447	1454	1457	rBV	4351200	4500077	61.95%	7.428%
18	10.769	1471	1476	1479	rBV	294835	446891	6.15%	0.738%
19	11.133	1536	1538	1541	rBV3	86549	72963	1.00%	0.120%
20	11.204	1547	1550	1552	rBV	153454	124928	1.72%	0.206%
21	11.233	1552	1555	1561	rVB2	243748	237912	3.28%	0.393%
22	11.333	1568	1572	1574	rBV	1568758	1454094	20.02%	2.400%
23	11.357	1574	1576	1579	rVV	766777	585015	8.05%	0.966%
24	11.404	1582	1584	1586	rVB	114244	78879	1.09%	0.130%
25	11.627	1620	1622	1625	rVB	166609	136725	1.88%	0.226%
26	11.863	1659	1662	1668	rBV	1003829	1000392	13.77%	1.651%
27	12.039	1690	1692	1695	rBV	139826	123592	1.70%	0.204%
28	12.545	1775	1778	1781	rVB	957440	782262	10.77%	1.291%
29	12.651	1793	1796	1804	rBV3	524714	585219	8.06%	0.966%
30	12.774	1814	1817	1820	rVB	807009	664799	9.15%	1.097%
31	12.921	1838	1842	1846	rVB	4927168	5061911	69.68%	8.356%
32	13.498	1938	1940	1953	rVB2	196185	326919	4.50%	0.540%
33	13.821	1992	1995	2001	rVB2	630207	741008	10.20%	1.223%
34	13.968	2016	2020	2023	rBV2	1205232	1440848	19.84%	2.378%

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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	13.998	2023	2025	2031	rVB	410464	359515	4.95%	0.593%
36	14.145	2047	2050	2055	rVB2	192900	207555	2.86%	0.343%
37	14.451	2099	2102	2106	rBV3	254769	307653	4.24%	0.508%
38	14.751	2150	2153	2156	rBV	177105	177108	2.44%	0.292%
39	15.004	2192	2196	2204	rVB	362646	672338	9.26%	1.110%
40	15.086	2207	2210	2213	rBV2	149076	174806	2.41%	0.289%
41	15.304	2243	2247	2252	rVB	219360	302434	4.16%	0.499%
42	15.362	2253	2257	2260	rVV	314753	348054	4.79%	0.575%
43	15.427	2263	2268	2271	rVV	841840	1058439	14.57%	1.747%
44	15.462	2271	2274	2280	rVB3	185786	271099	3.73%	0.447%
45	15.898	2344	2348	2352	rBV	106370	148992	2.05%	0.246%
46	16.856	2507	2511	2519	rVB2	125701	246001	3.39%	0.406%
47	17.292	2582	2585	2593	rVB	110796	199750	2.75%	0.330%

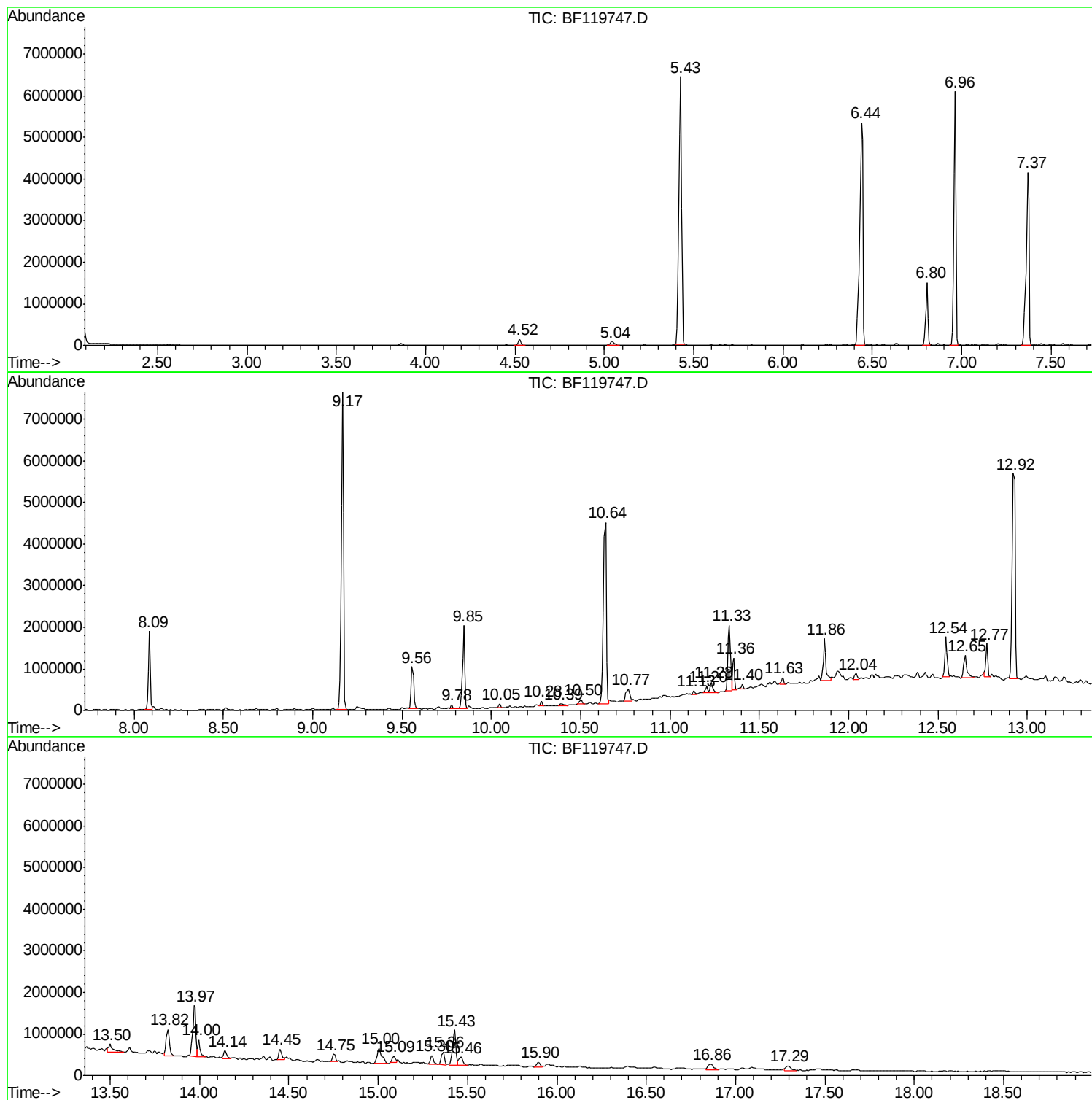
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
ClientSampleId :
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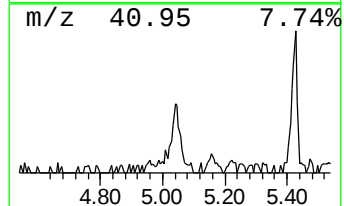
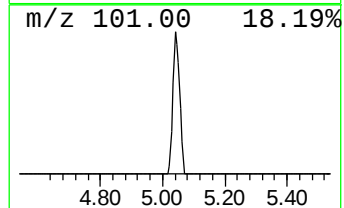
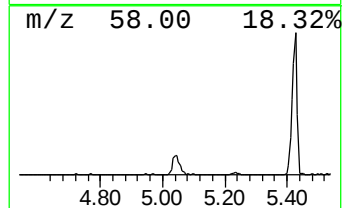
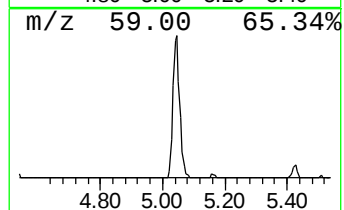
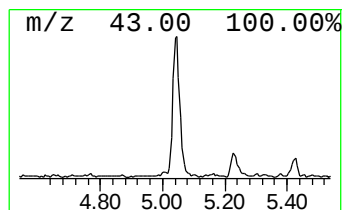
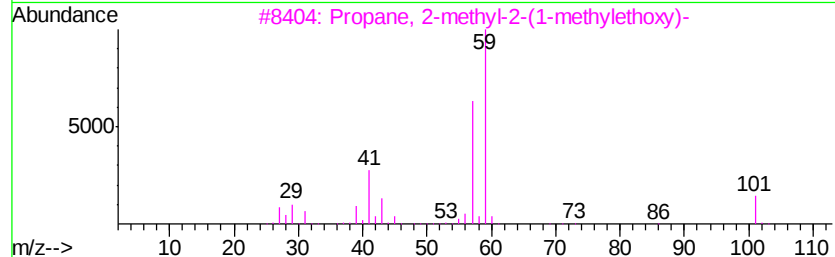
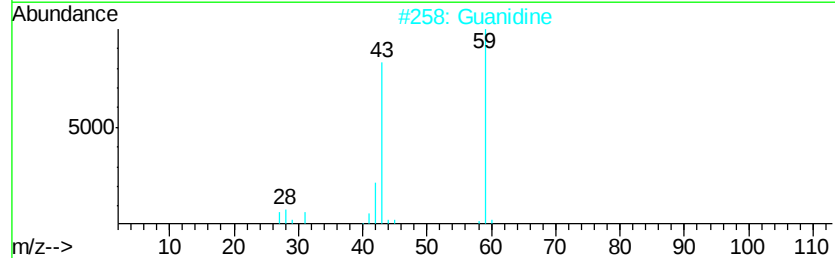
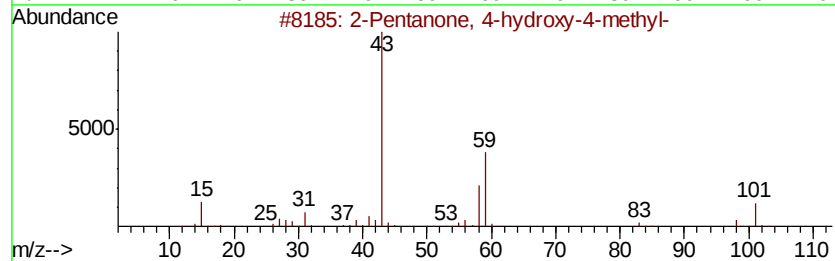
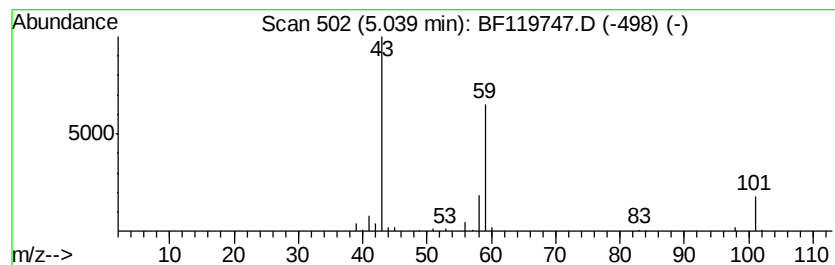
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	2.34 ng	137481	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Guanidine	59	CH5N3	000113-00-8	40
3			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	33
4			3-Octanol	130	C8H18O	000589-98-0	33
5			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33



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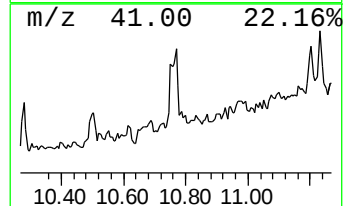
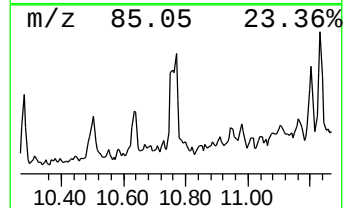
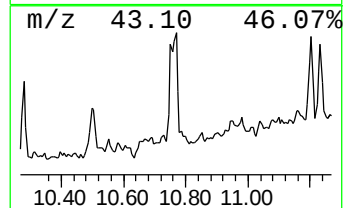
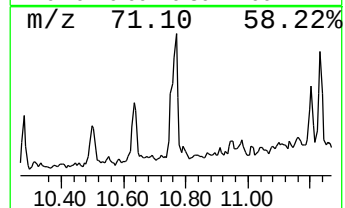
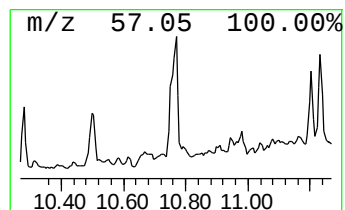
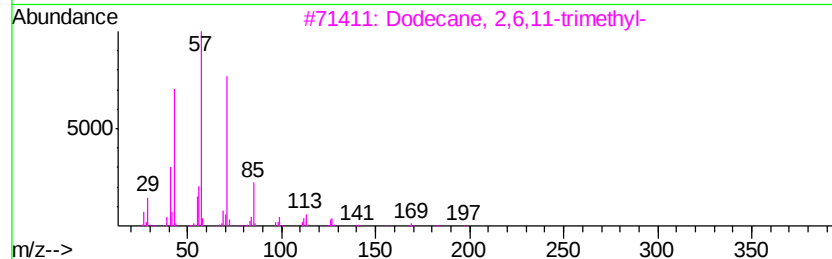
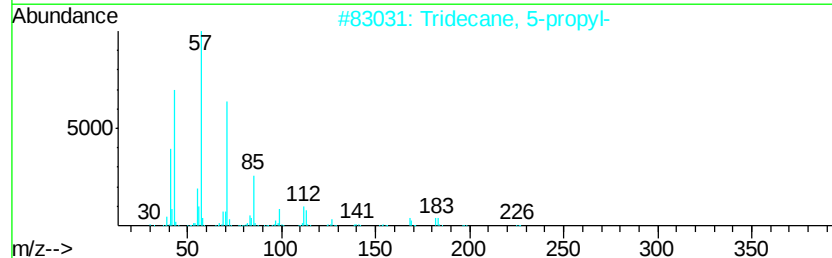
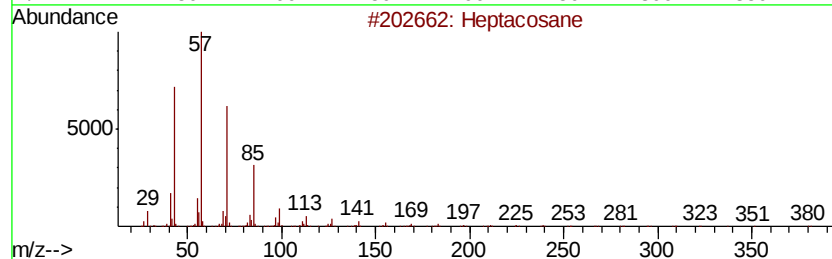
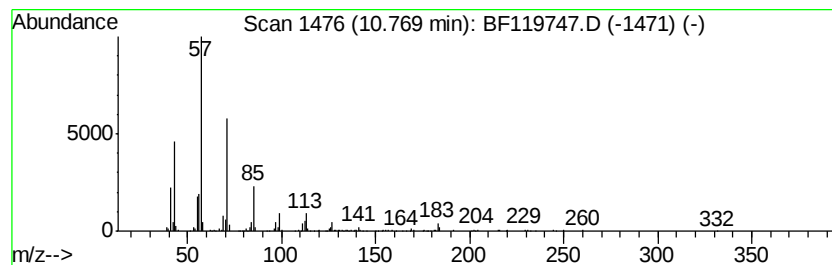
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	6.15 ng	446891	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	78
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	72
4	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	64
5	Tridecane		184	C13H28	000629-50-5	64



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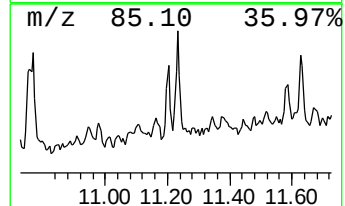
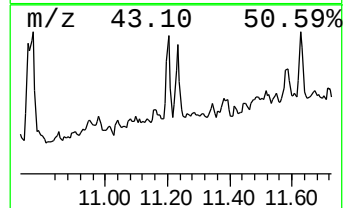
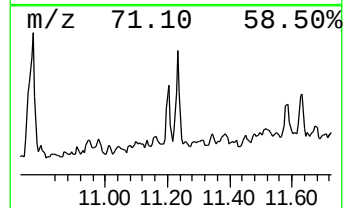
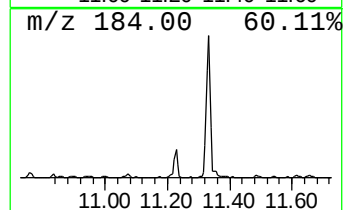
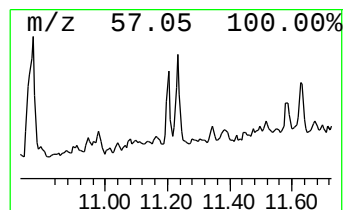
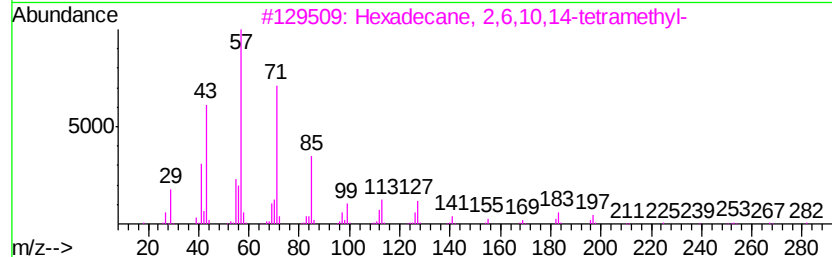
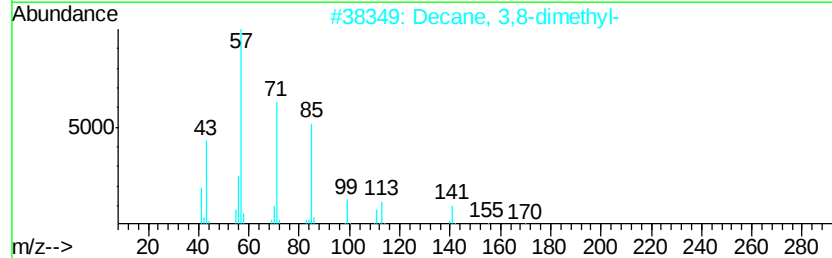
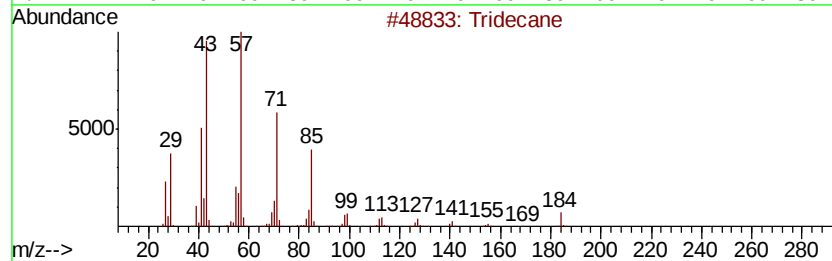
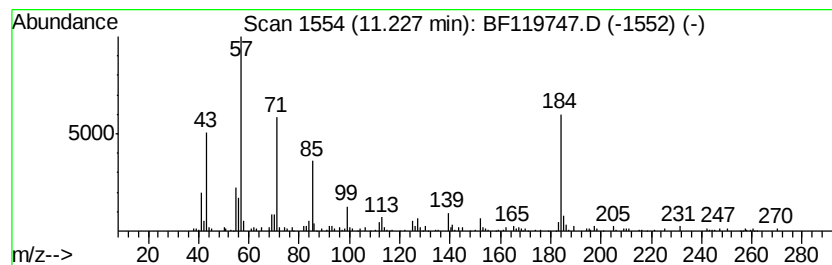
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.27 ng	237912	Phenanthrene-d10	11.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	90
2	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	81
3	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	78
4	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	74
5	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	64



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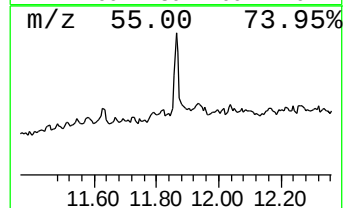
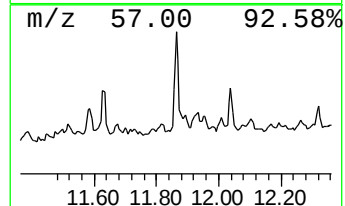
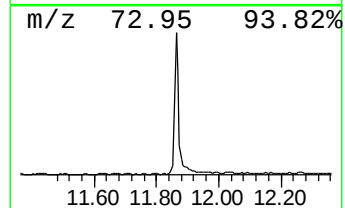
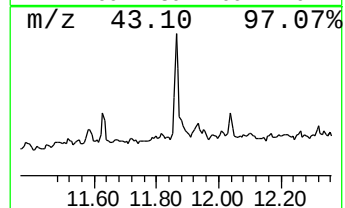
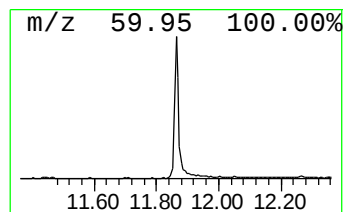
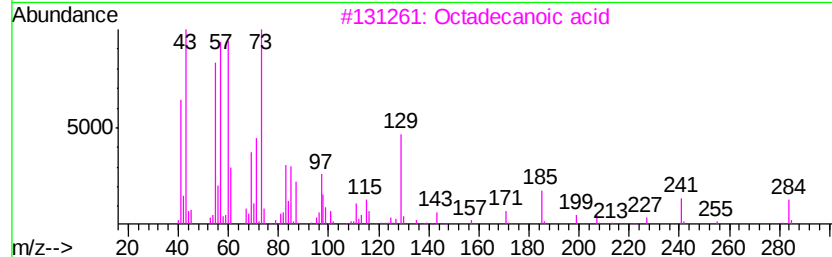
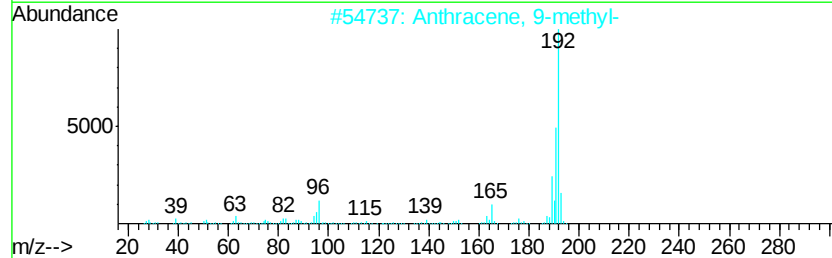
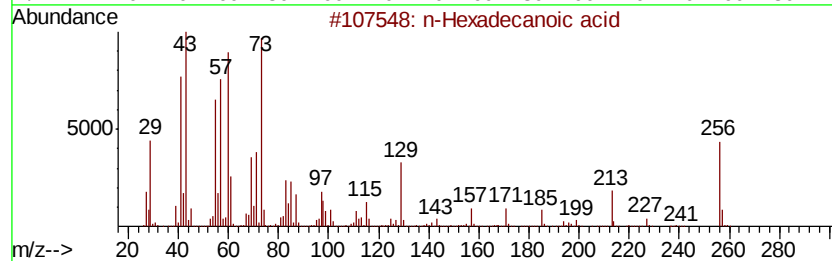
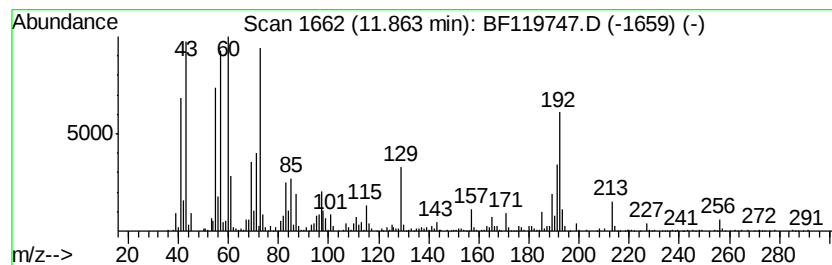
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	13.76 ng	1000390	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60



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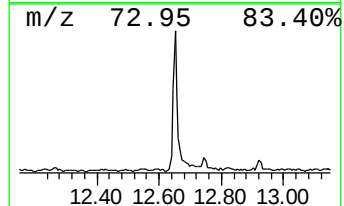
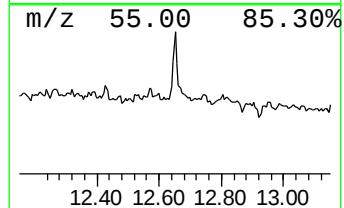
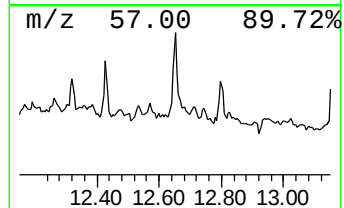
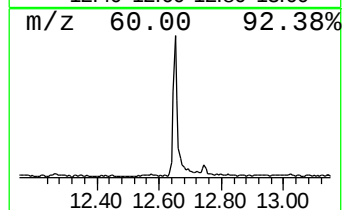
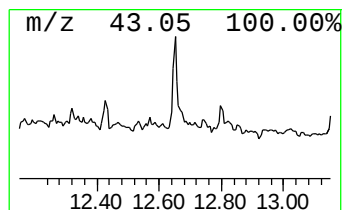
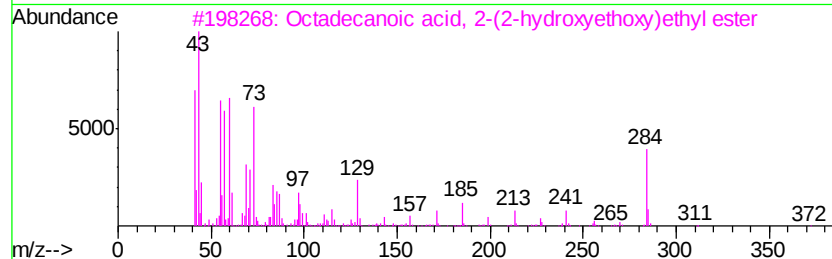
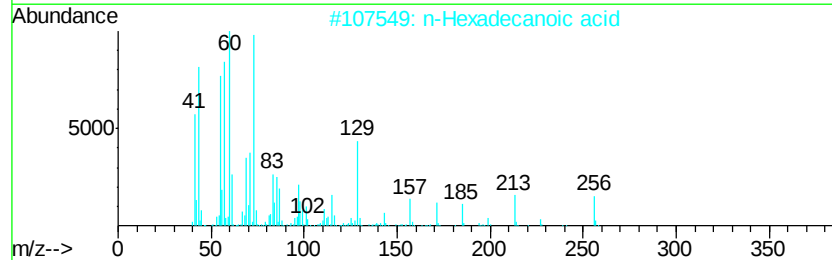
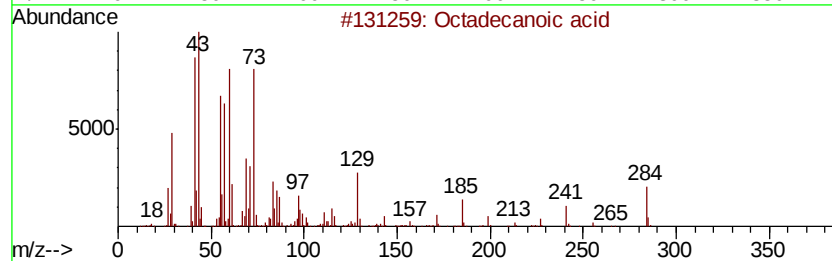
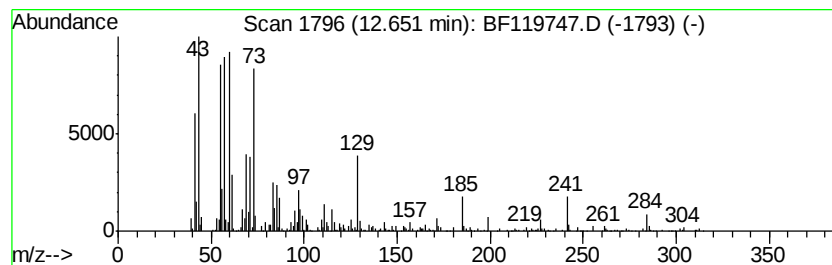
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	8.05 ng	585219	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Acq On : 4 Apr 2020 6:14
Operator : MA/SJ
Sample : L2129-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

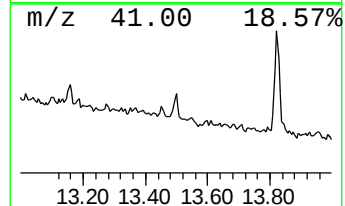
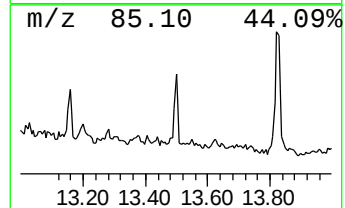
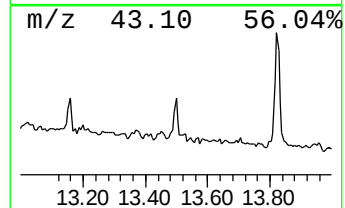
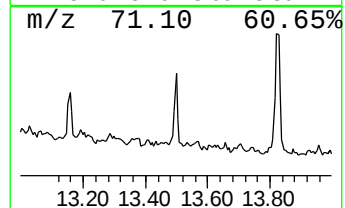
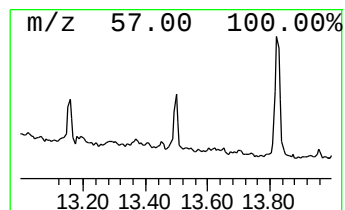
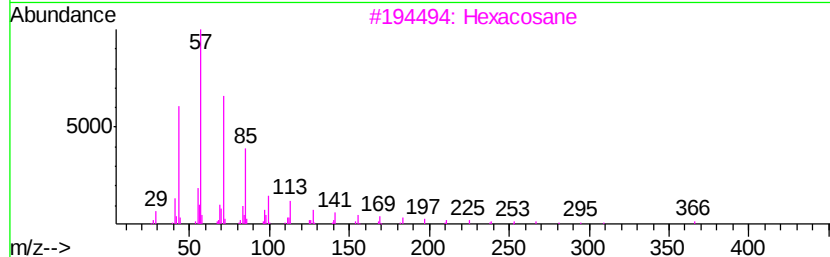
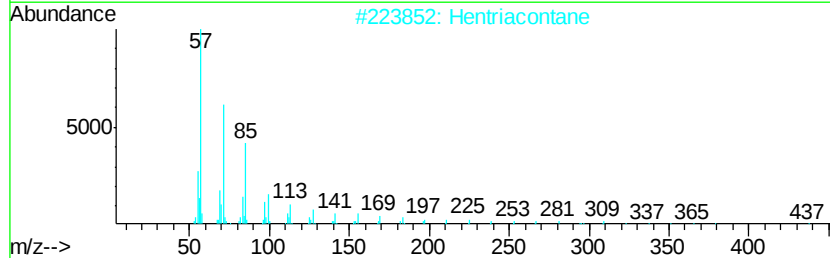
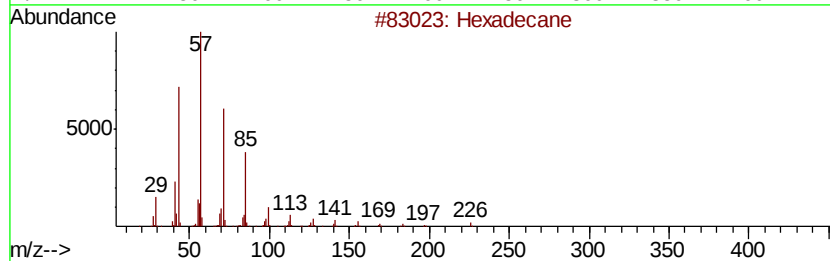
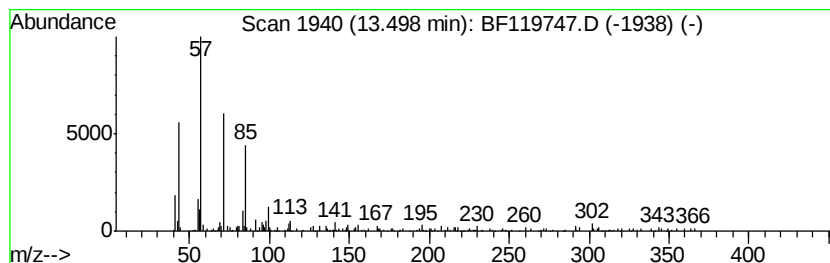
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.54 ng	326919	Chrysene-d12	13.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	80
2	Hentriacontane		437	C31H64	000630-04-6	72
3	Hexacosane		366	C26H54	000630-01-3	72
4	Eicosane		282	C20H42	000112-95-8	72
5	Docosane		310	C22H46	000629-97-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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ClientSampleId :
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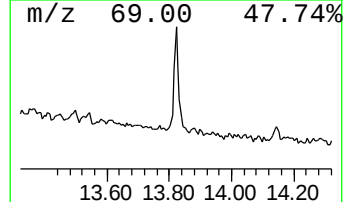
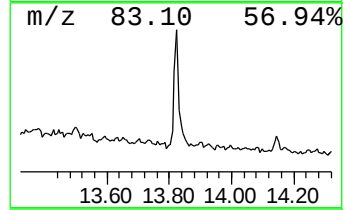
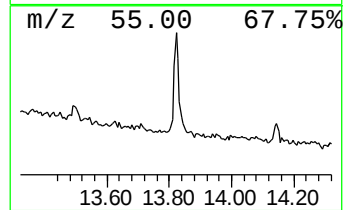
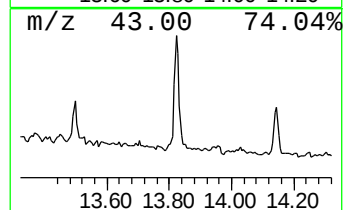
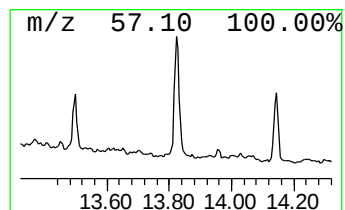
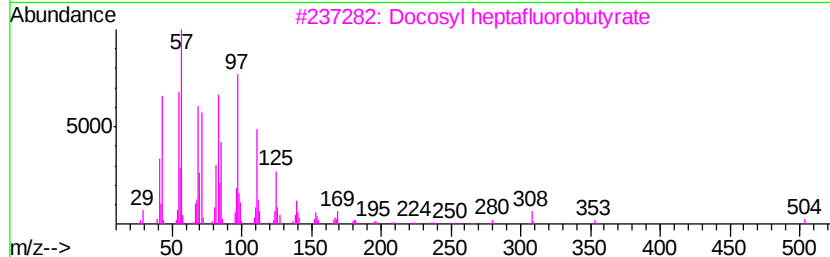
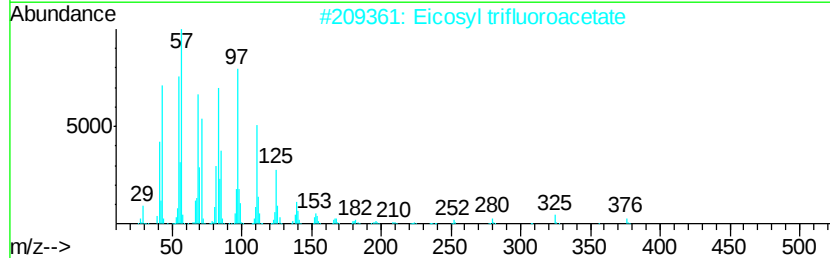
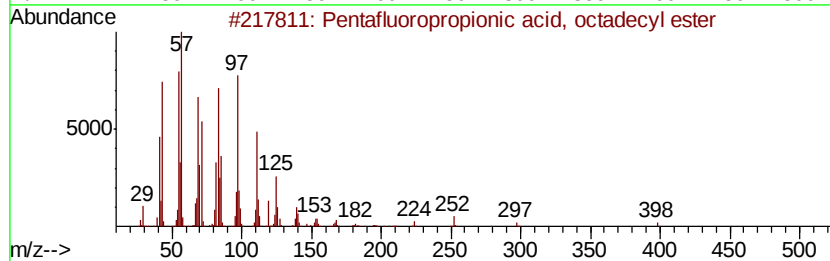
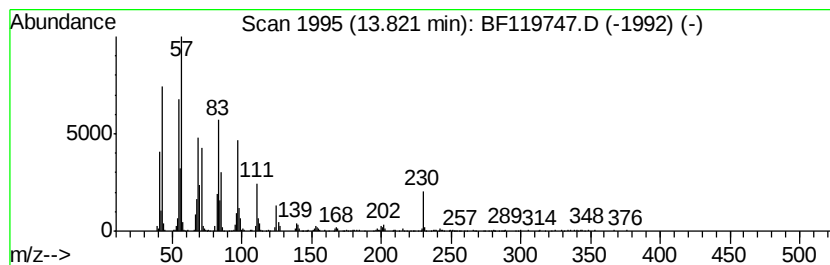
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentafluoropropionic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	10.29 ng	741008	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
2		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	90
3		Docosyl heptafluorobutvrate	522	C26H45F7O2	1000351-83-1	90
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119747.D
Acq On : 4 Apr 2020 6:14
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Sample : L2129-16
Misc :
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ClientSampleId :
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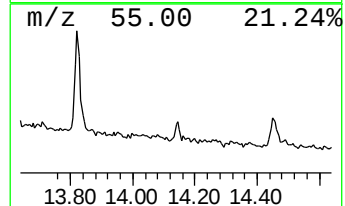
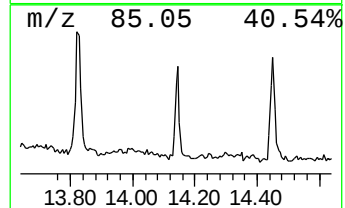
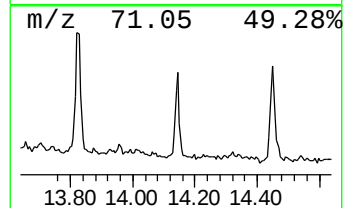
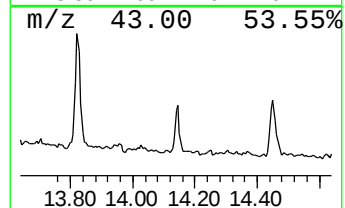
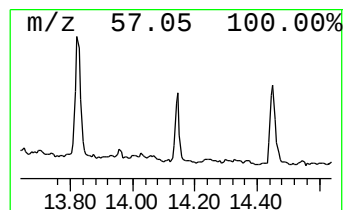
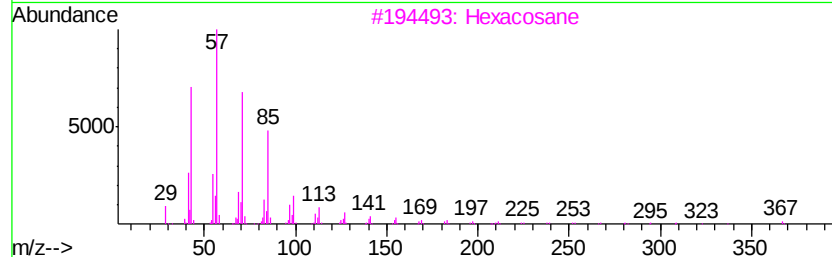
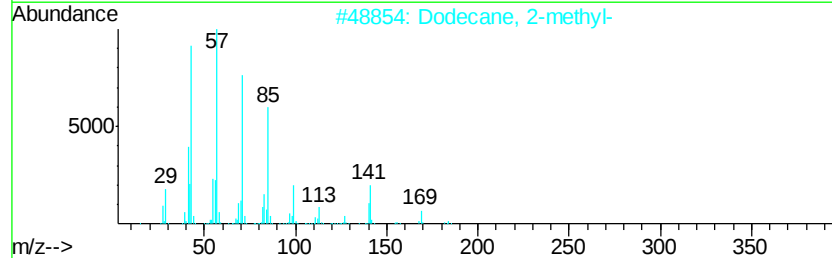
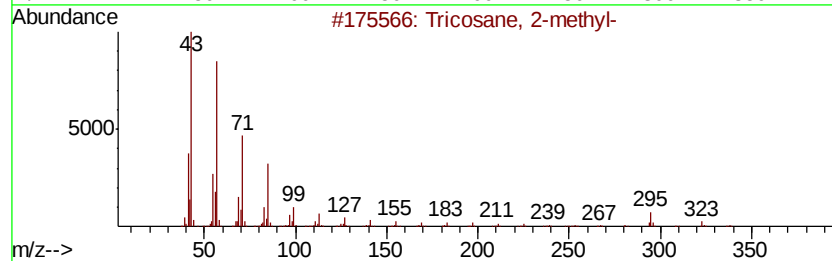
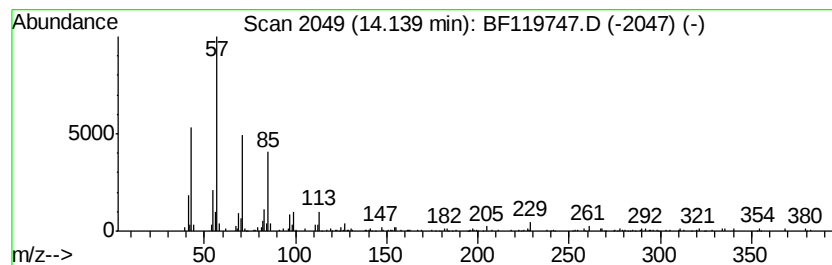
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tricosane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.88 ng	207555	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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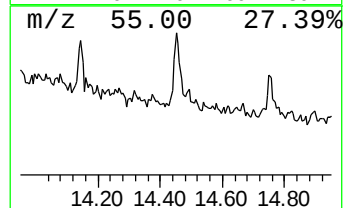
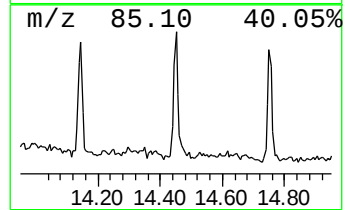
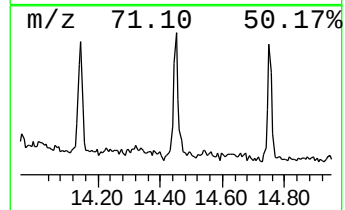
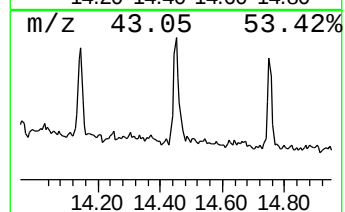
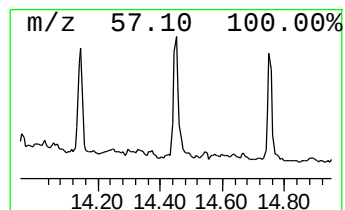
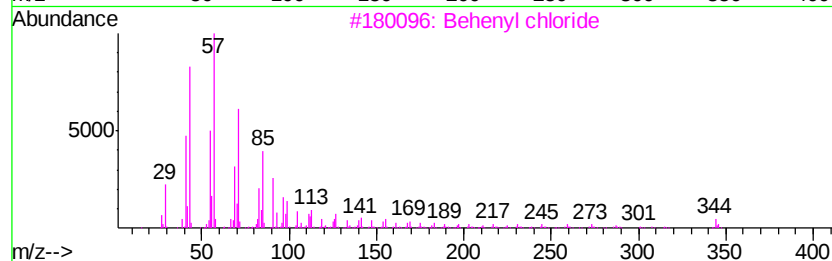
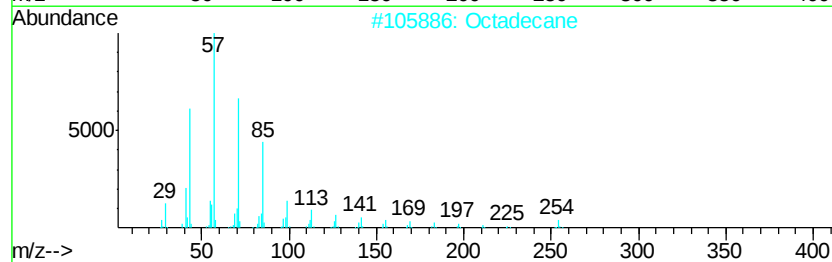
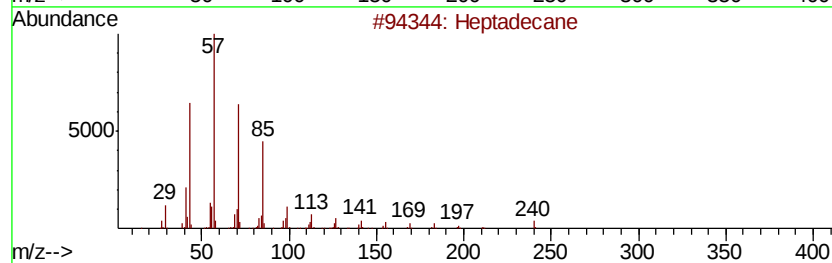
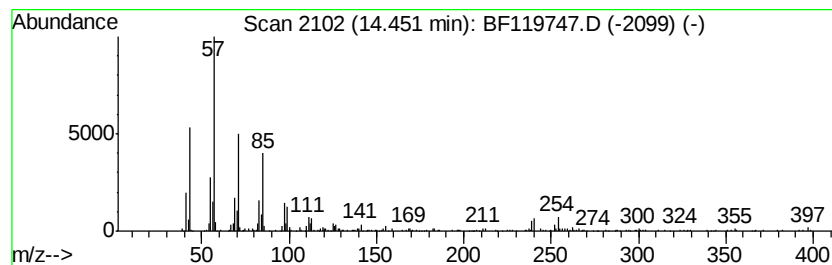
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.45	4.27 ng	307653	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Octadecane	254	C18H38	000593-45-3	87
3	Behenyl chloride	344	C22H45Cl	042217-03-8	83
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	83
5	Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119747.D
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ClientSampleId :
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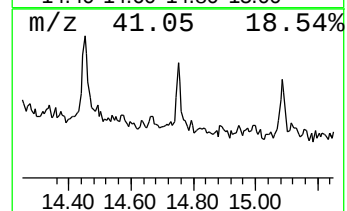
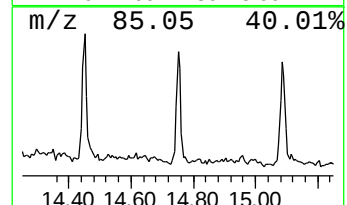
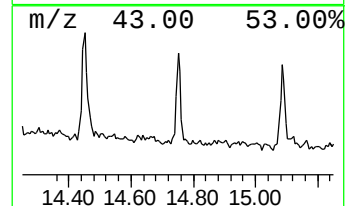
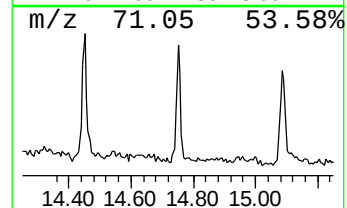
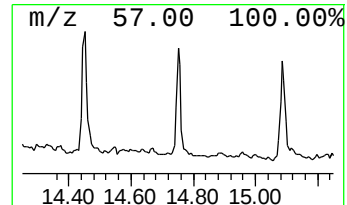
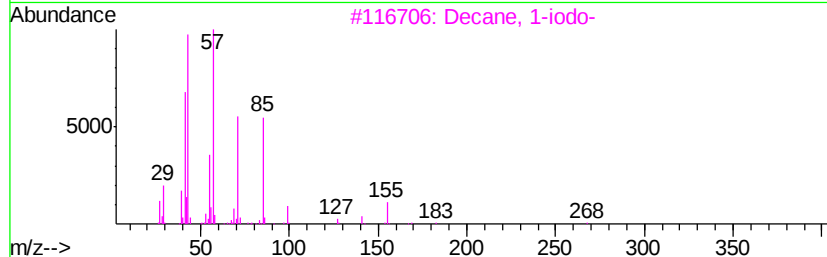
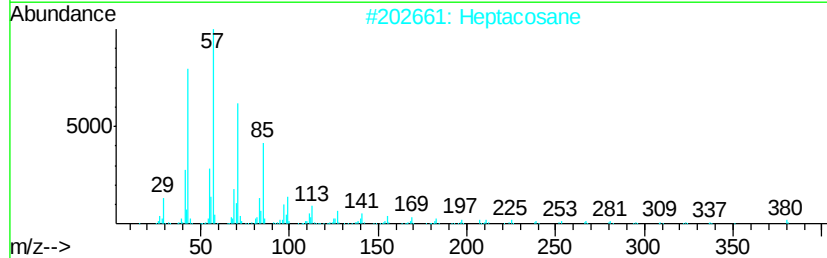
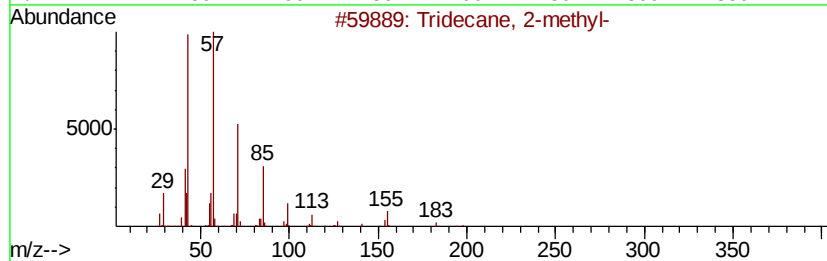
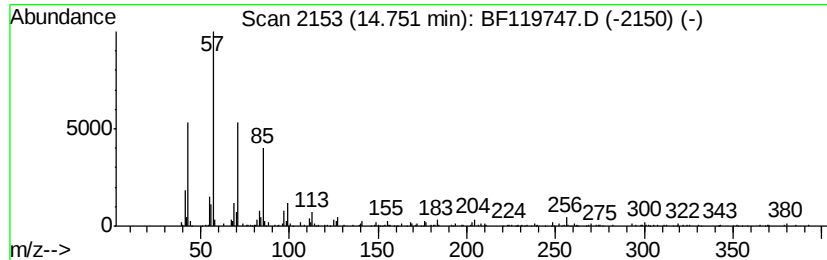
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.35 ng	177108	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2		Heptacosane	380	C27H56	000593-49-7	86
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	83
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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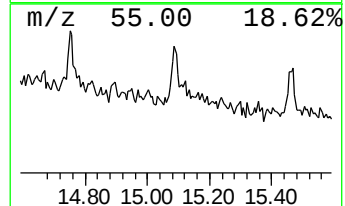
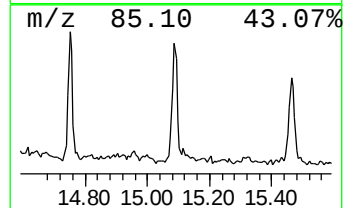
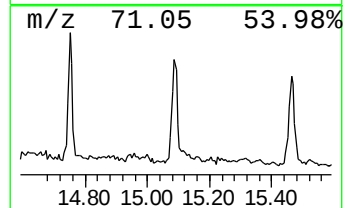
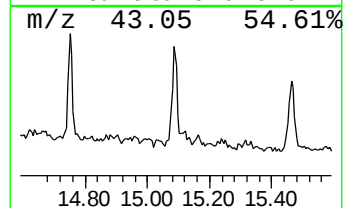
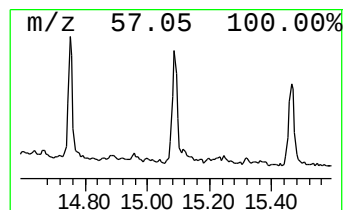
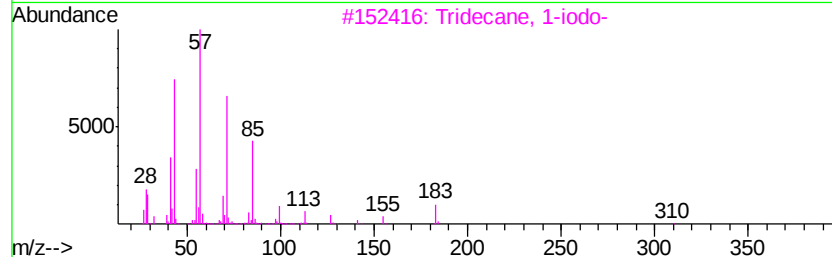
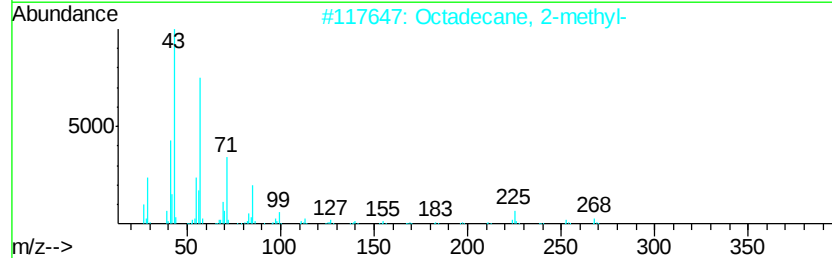
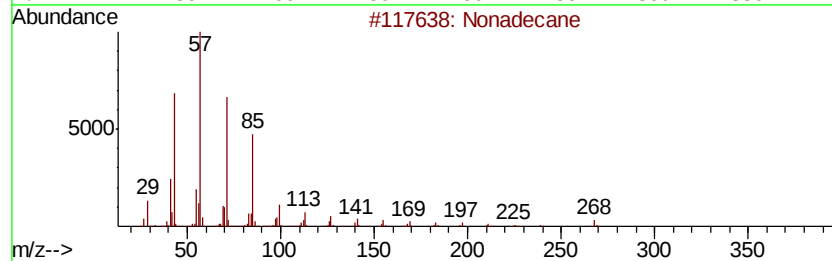
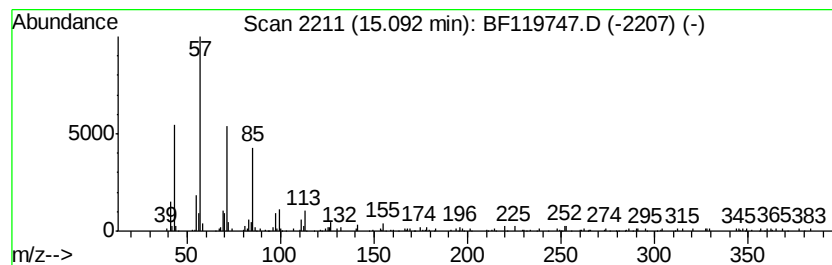
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 13 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.30 ng	174806	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80



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Sample : L2129-16
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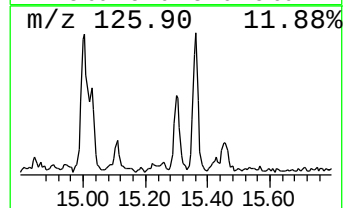
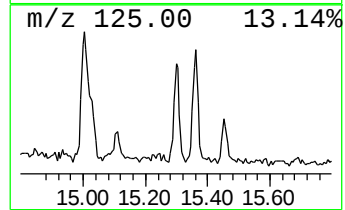
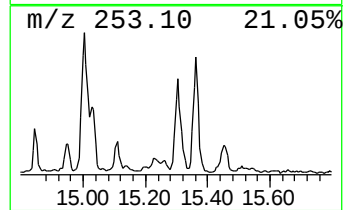
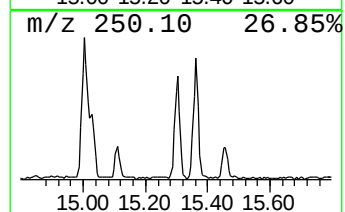
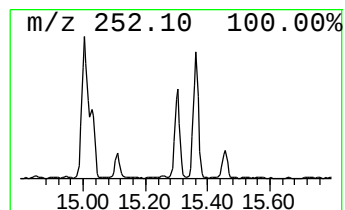
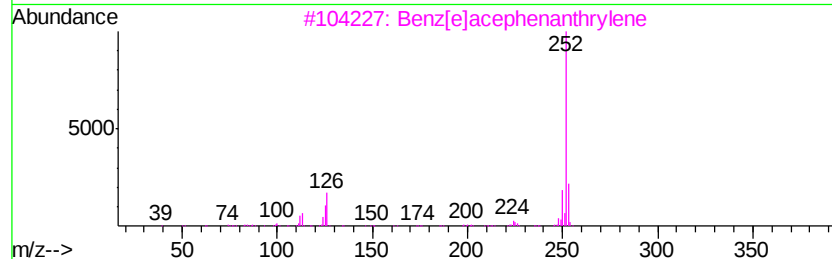
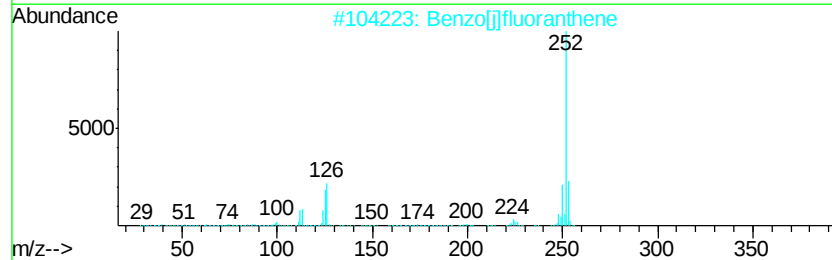
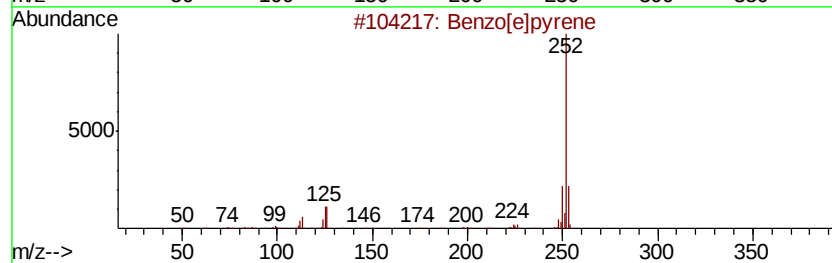
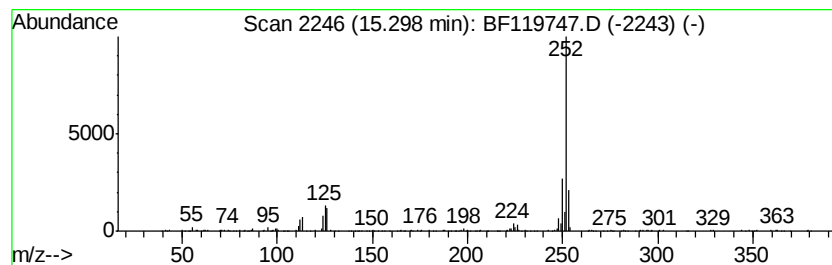
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.30	5.71 ng	302434	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119747.D
Acq On : 4 Apr 2020 6:14
Operator : MA/SJ
Sample : L2129-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

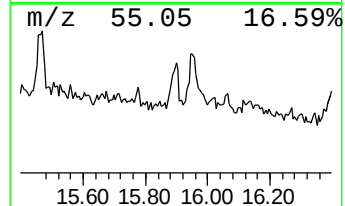
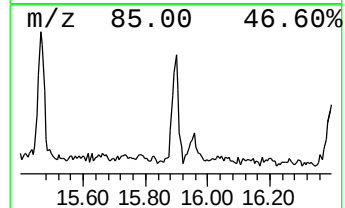
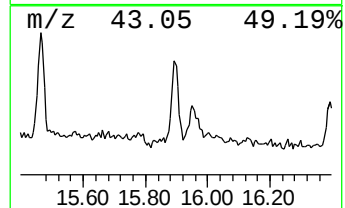
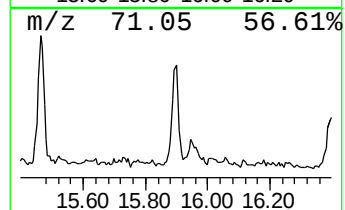
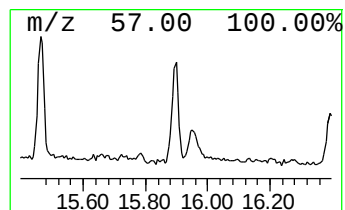
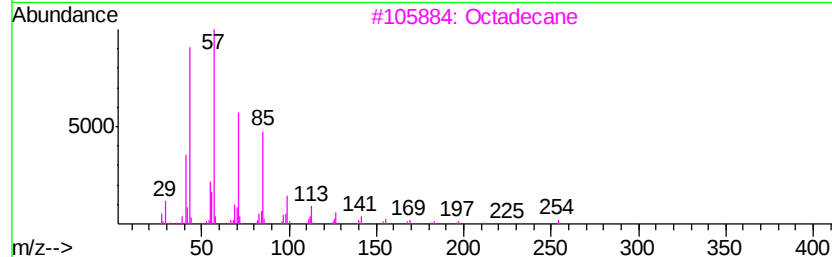
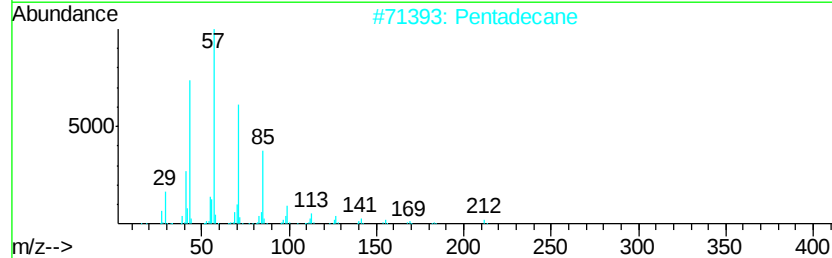
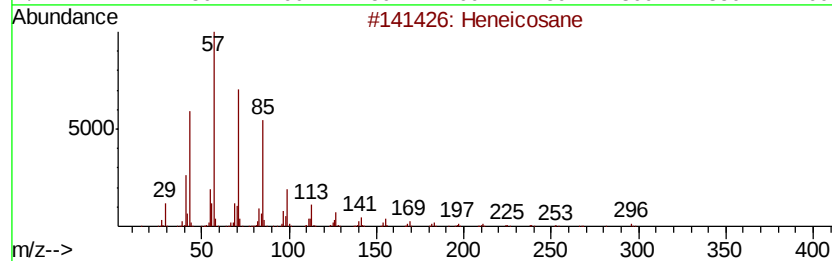
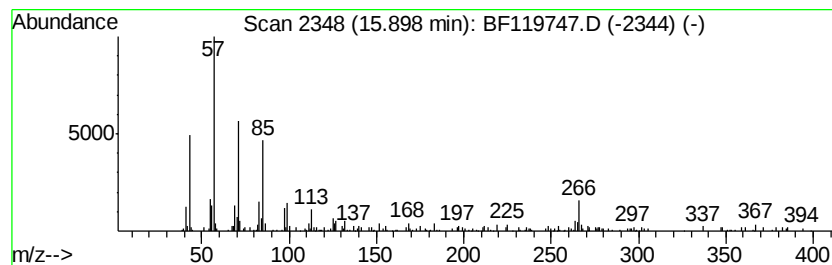
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.82 ng	148992	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	90
2	Pentadecane	212 C15H32	000629-62-9	86
3	Octadecane	254 C18H38	000593-45-3	76
4	Hexacosane	366 C26H54	000630-01-3	74
5	2-methyltetracosane	352 C25H52	1000376-72-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119747.D
 Acq On : 4 Apr 2020 6:14
 Operator : MA/SJ
 Sample : L2129-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
2-Pentanone, 4-hy...	5.04	2.3	ng	137481	1	6.80	1174940	20.0
Heptacosane	10.77	6.2	ng	446891	4	11.33	1454090	20.0
Tridecane	11.23	3.3	ng	237912	4	11.33	1454090	20.0
n-Hexadecanoic acid	11.86	13.8	ng	1000390	4	11.33	1454090	20.0
Octadecanoic acid	12.65	8.1	ng	585219	4	11.33	1454090	20.0
Hexadecane	13.50	4.5	ng	326919	5	13.97	1440850	20.0
Pentafluoropropio...	13.82	10.3	ng	741008	5	13.97	1440850	20.0
Tricosane, 2-methyl-	14.14	2.9	ng	207555	5	13.97	1440850	20.0
Heptadecane	14.45	4.3	ng	307653	5	13.97	1440850	20.0
Tridecane, 2-methyl-	14.75	3.4	ng	177108	6	15.43	1058440	20.0
Nonadecane	15.09	3.3	ng	174806	6	15.43	1058440	20.0
Benzo[e]pyrene	15.30	5.7	ng	302434	6	15.43	1058440	20.0
Heneicosane	15.90	2.8	ng	148992	6	15.43	1058440	20.0