

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124140.D
 Acq On : 4 Jun 2021 15:22
 Operator : JU/CG
 Sample : M2588-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-074-B

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124140.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	14	rVB	466373	563186	44.04%	5.377%
2	2.246	23	27	32	rBB	29735	34613	2.71%	0.330%
3	5.093	507	511	517	rVB	34489	41966	3.28%	0.401%
4	5.498	575	580	583	rBV	1123429	1140257	89.17%	10.886%
5	6.504	746	751	754	rBV	1089337	1112453	87.00%	10.621%
6	6.863	809	812	816	rVB	324362	269322	21.06%	2.571%
7	7.428	903	908	911	rBV	809353	750068	58.66%	7.161%
8	8.045	1010	1013	1021	rBV	141848	124300	9.72%	1.187%
9	8.145	1024	1030	1033	rBV	368095	311009	24.32%	2.969%
10	9.222	1209	1213	1216	rBV	1486777	1278740	100.00%	12.208%
11	9.304	1222	1227	1229	rBV2	20815	21428	1.68%	0.205%
12	9.622	1277	1281	1284	rBV4	16220	19400	1.52%	0.185%
13	9.904	1325	1329	1332	rBV	386587	302288	23.64%	2.886%
14	10.451	1418	1422	1427	rBV	17747	17563	1.37%	0.168%
15	10.692	1459	1463	1466	rBV	858936	694757	54.33%	6.633%
16	10.816	1479	1484	1489	rBV4	23039	30892	2.42%	0.295%
17	11.251	1552	1558	1561	rBV4	21579	22659	1.77%	0.216%
18	11.392	1578	1582	1584	rBV	308250	291903	22.83%	2.787%
19	11.410	1584	1585	1589	rVV	106212	81785	6.40%	0.781%
20	11.463	1592	1594	1597	rVB	36425	27707	2.17%	0.265%
21	11.886	1664	1666	1669	rBV2	20069	21264	1.66%	0.203%
22	11.916	1669	1671	1675	rVV2	81856	76536	5.99%	0.731%
23	11.969	1677	1680	1682	rVV3	19074	18390	1.44%	0.176%
24	12.004	1682	1686	1688	rVV2	34814	40128	3.14%	0.383%
25	12.027	1688	1690	1693	rVB3	18018	15480	1.21%	0.148%
26	12.439	1757	1760	1762	rBV3	23569	18082	1.41%	0.173%
27	12.469	1762	1765	1767	rVV3	34784	45519	3.56%	0.435%
28	12.486	1767	1768	1773	rVB4	36056	25442	1.99%	0.243%
29	12.569	1779	1782	1785	rBV5	11460	14628	1.14%	0.140%
30	12.604	1785	1788	1791	rBV	229197	188906	14.77%	1.803%
31	12.698	1801	1804	1807	rBV3	37390	33527	2.62%	0.320%
32	12.833	1821	1827	1832	rBV	194348	204607	16.00%	1.953%
33	12.974	1842	1851	1858	rBV	1170252	1153428	90.20%	11.012%
34	13.057	1858	1865	1867	rBV6	22217	43274	3.38%	0.413%
35	13.139	1875	1879	1881	rBV4	21616	31229	2.44%	0.298%
36	13.157	1881	1882	1886	rVB2	49526	44920	3.51%	0.429%

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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

37	13.204	1886	1890	1892	rBV5	27281	34226	2.68%	0.327%
38	13.227	1892	1894	1897	rVB2	34873	24056	1.88%	0.230%
39	13.263	1897	1900	1902	rBV2	29451	26561	2.08%	0.254%
40	13.322	1908	1910	1913	rBV4	11501	14162	1.11%	0.135%
41	13.410	1924	1925	1928	rBV3	16074	16457	1.29%	0.157%
42	13.669	1967	1969	1973	rVB4	25297	17156	1.34%	0.164%
43	13.780	1986	1988	1991	rBV3	15705	15411	1.21%	0.147%
44	13.880	2002	2005	2015	rVB5	76282	122555	9.58%	1.170%
45	14.033	2023	2031	2033	rBV2	336150	444020	34.72%	4.239%
46	14.057	2033	2035	2042	rVB	116990	115420	9.03%	1.102%
47	14.498	2108	2110	2112	rBV3	27158	19593	1.53%	0.187%
48	15.080	2206	2209	2212	rBV3	84528	106256	8.31%	1.014%
49	15.386	2258	2261	2266	rVB	47821	69276	5.42%	0.661%
50	15.451	2269	2272	2276	rVB	64192	76907	6.01%	0.734%
51	15.515	2279	2283	2287	rBV	169724	212157	16.59%	2.025%
52	15.657	2305	2307	2311	rBV5	27837	28736	2.25%	0.274%
53	16.786	2497	2499	2502	rBV4	16655	19837	1.55%	0.189%

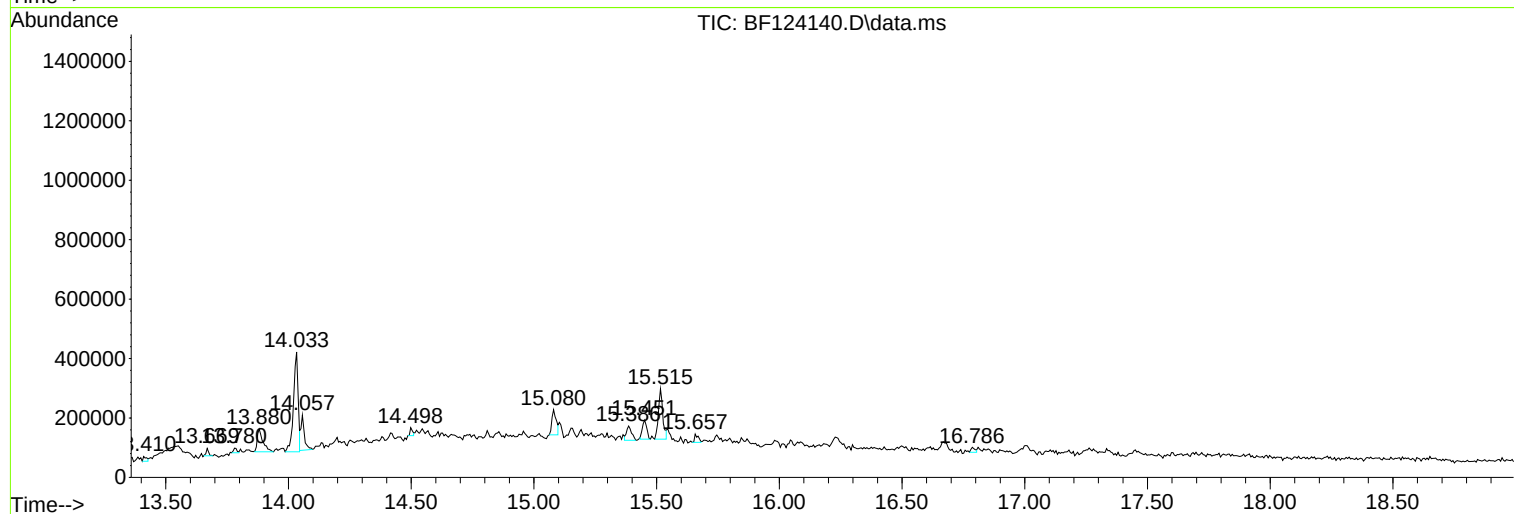
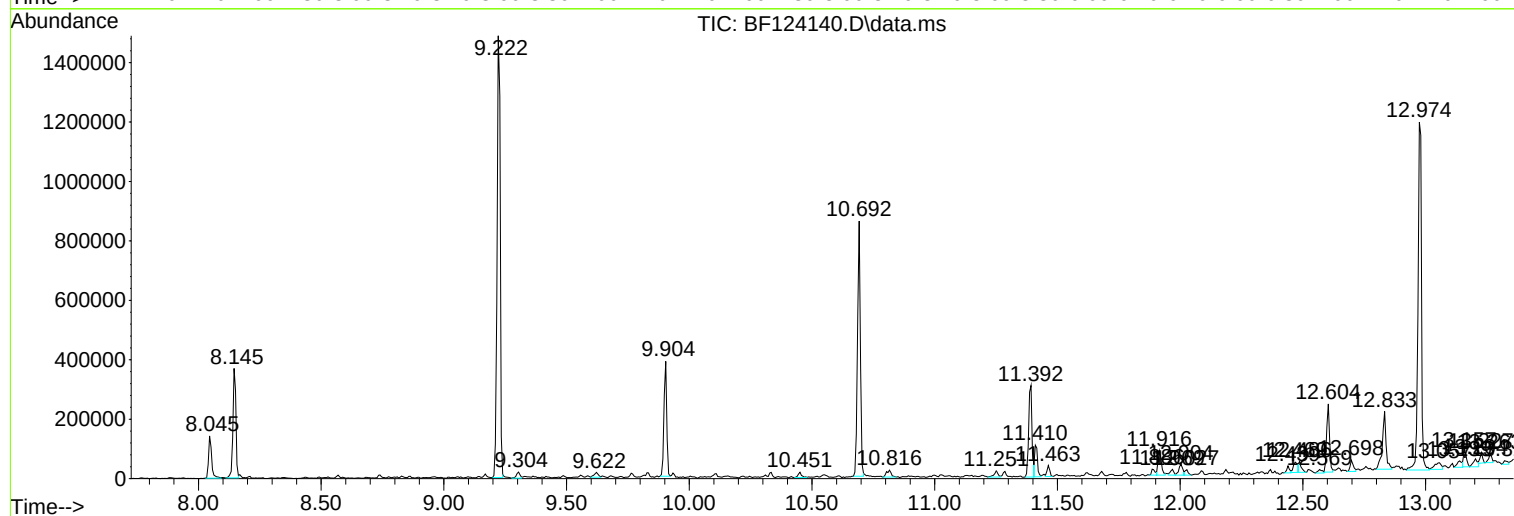
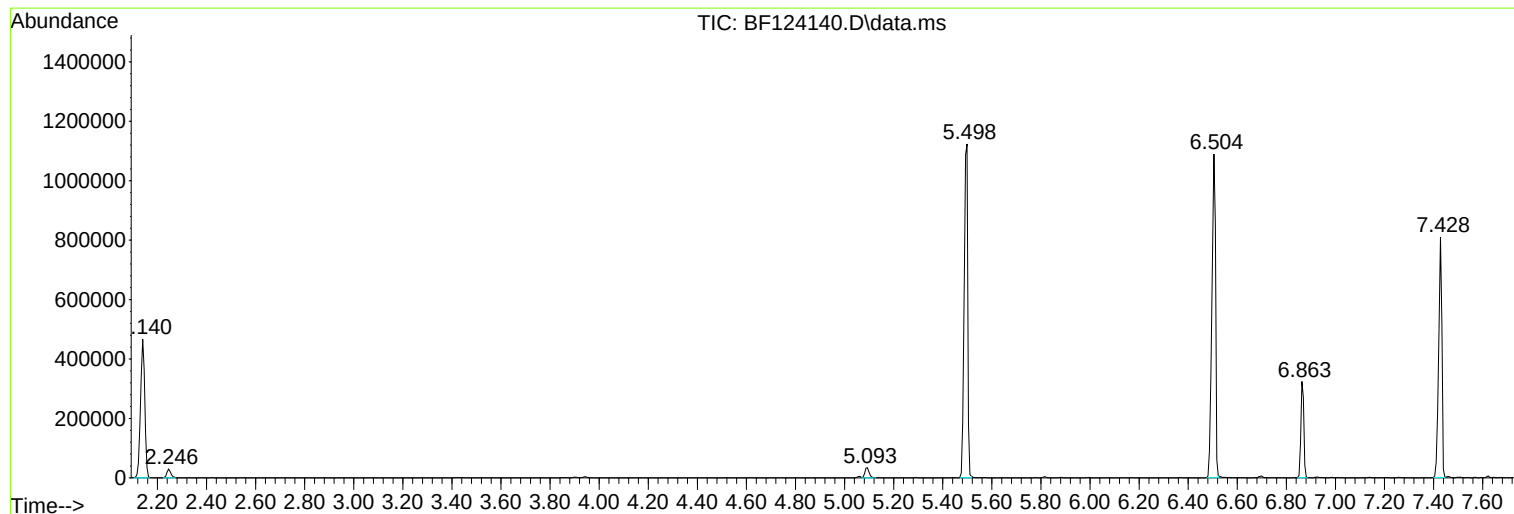
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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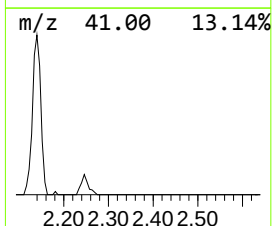
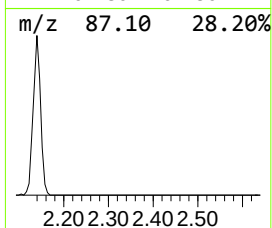
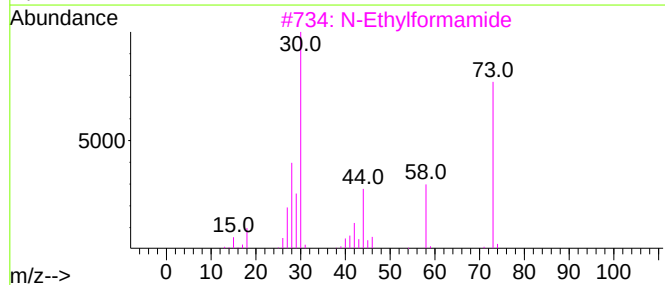
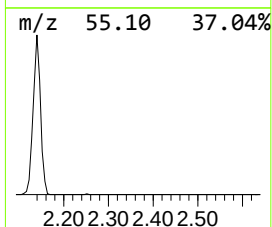
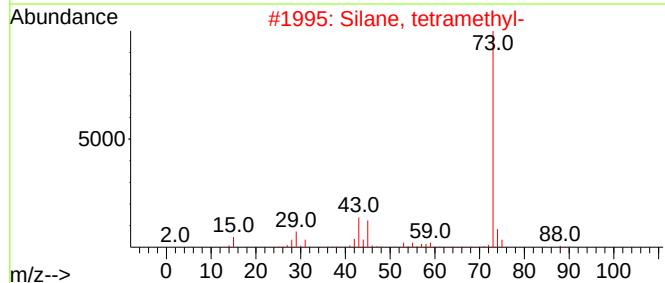
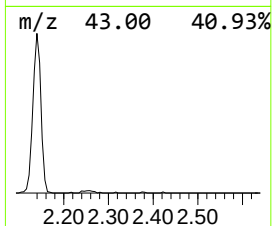
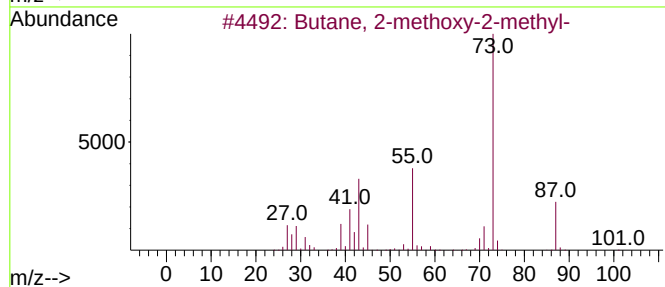
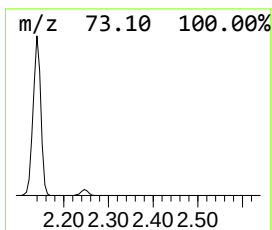
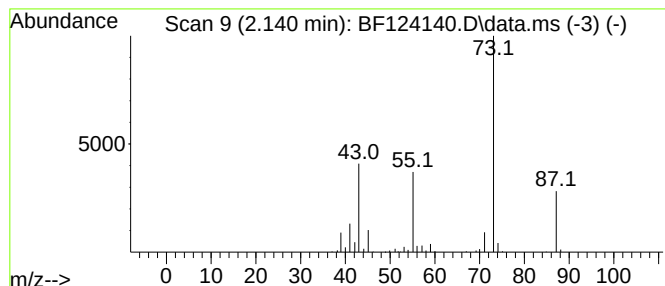
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	41.82 ng	563186	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			t-Butyl nitrite	103	C4H9NO2	000540-80-7	9



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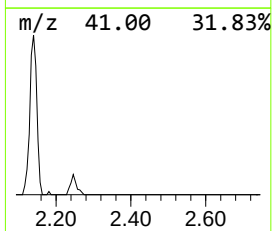
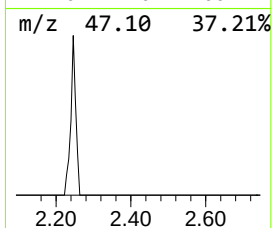
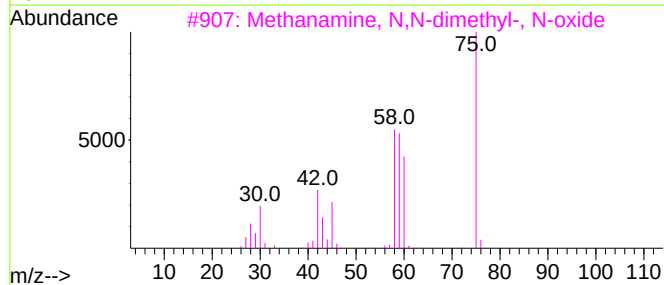
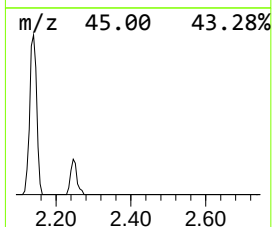
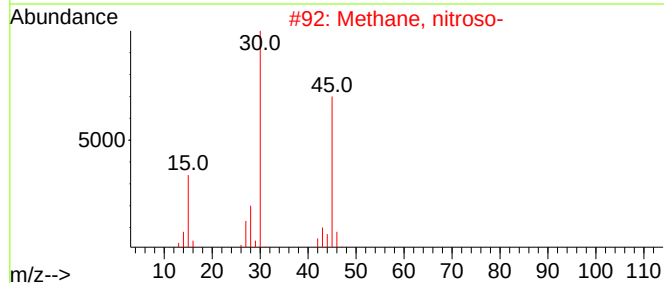
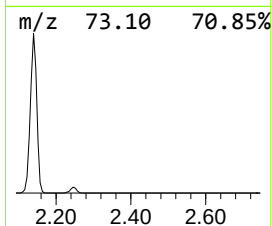
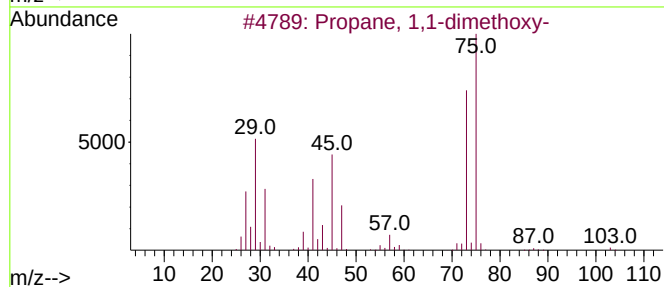
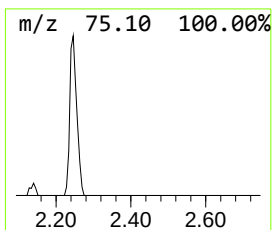
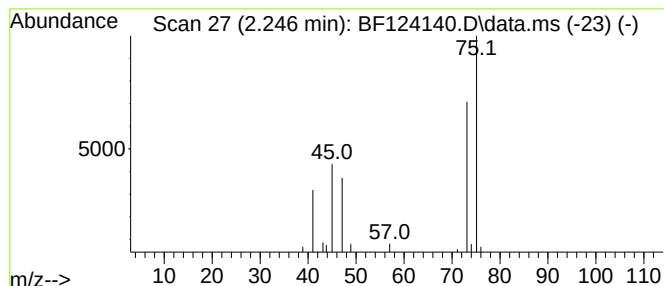
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	2.57 ng	34613	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2			Methane, nitroso-	45	CH3NO	000865-40-7	5
3			Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	5
4			Glycine	75	C2H5NO2	000056-40-6	5
5			1,3-Dioxolane	74	C3H6O2	000646-06-0	4



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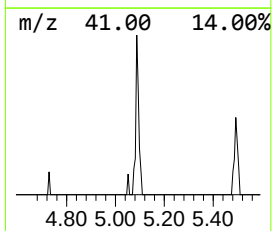
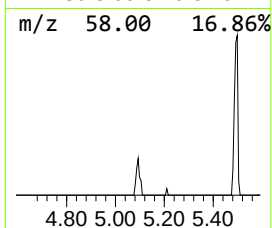
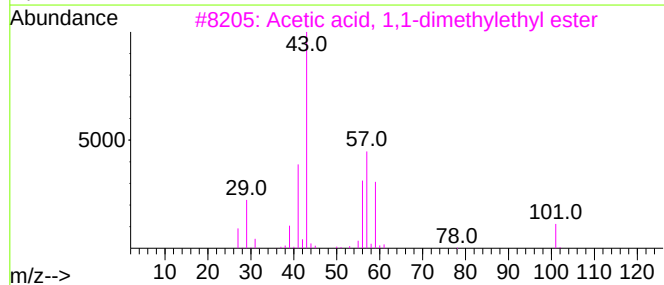
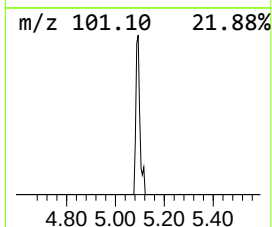
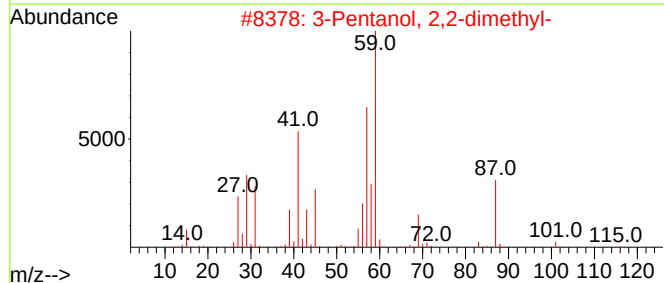
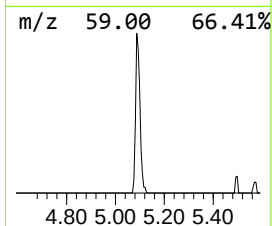
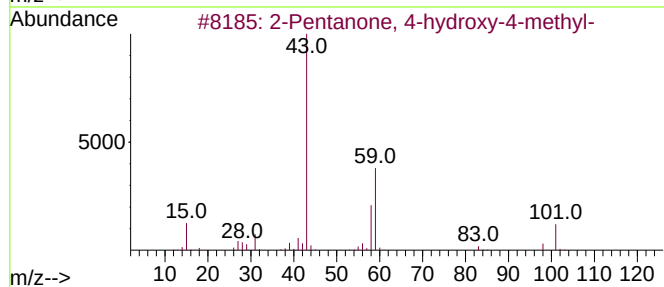
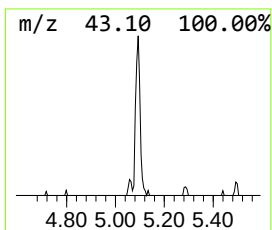
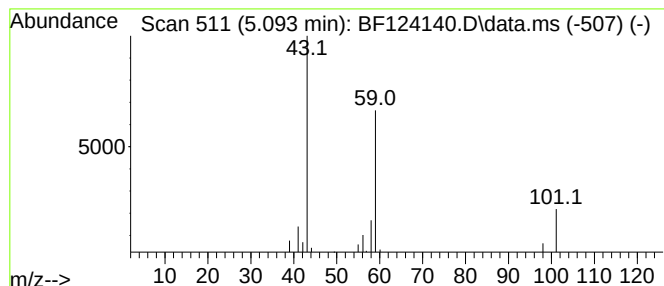
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	3.12 ng	41966	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	28		
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28		
4	2-Butanol, 1-chloro-	108	C4H9ClO	001873-25-2	17		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9		



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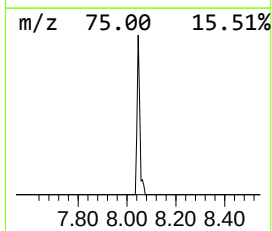
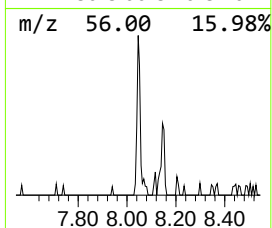
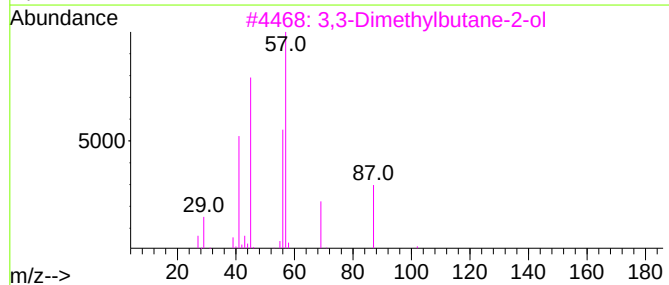
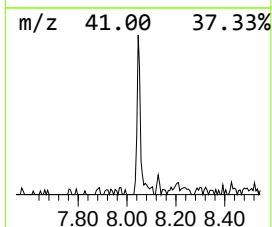
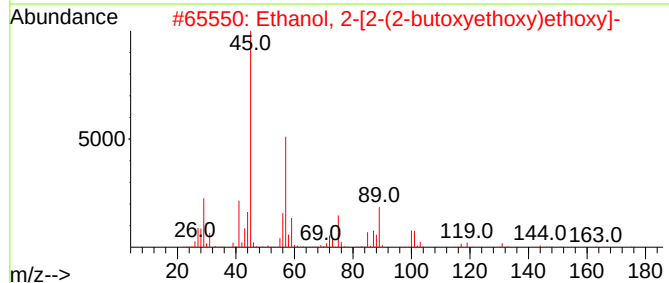
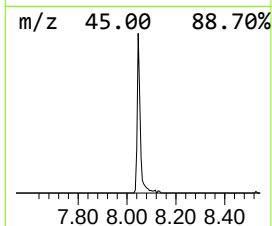
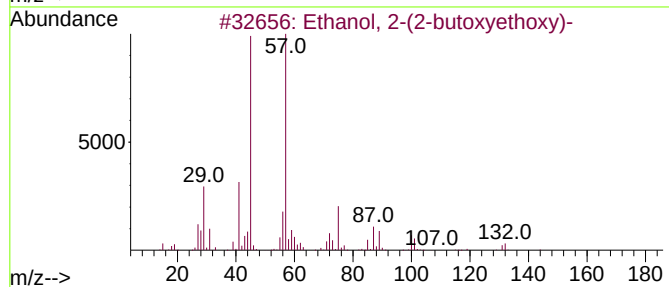
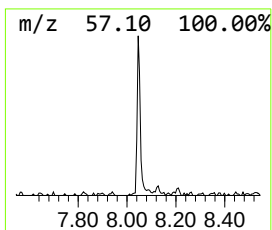
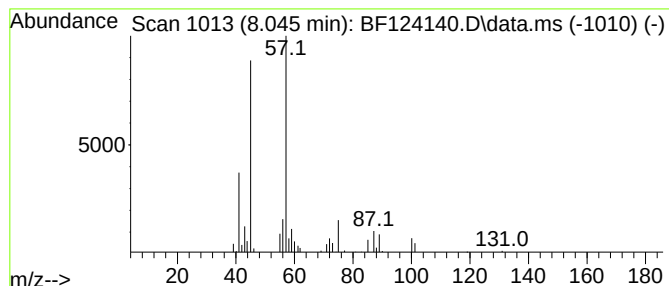
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	7.99 ng	124300	Naphthalene-d8	8.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
3			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4			Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	50
5			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45



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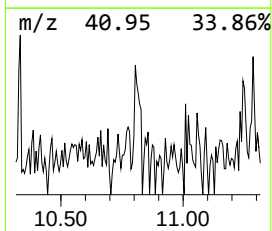
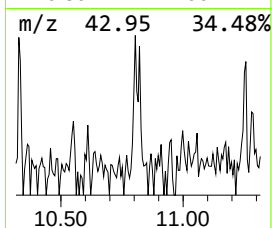
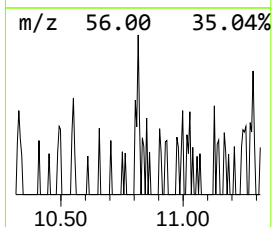
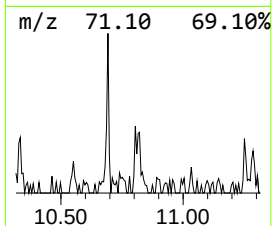
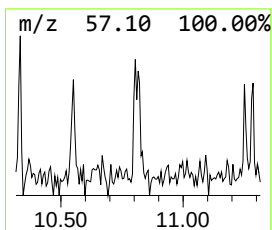
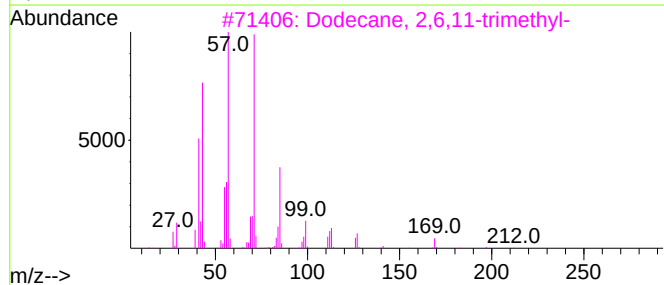
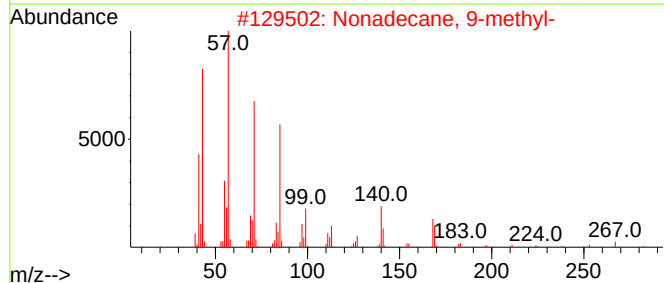
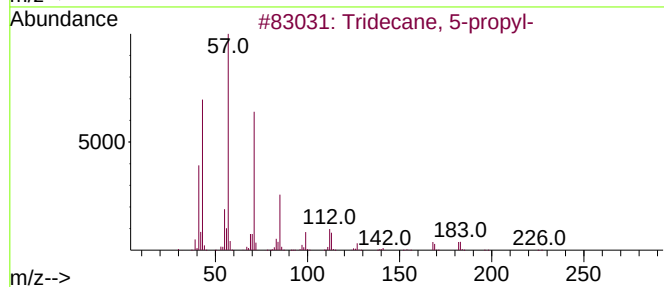
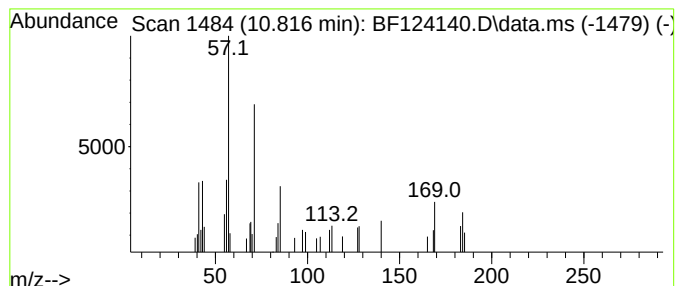
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown10.816 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.816	2.12 ng	30892	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	38
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	38
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	35
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124140.D
Acq On : 4 Jun 2021 15:22
Operator : JU/CG
Sample : M2588-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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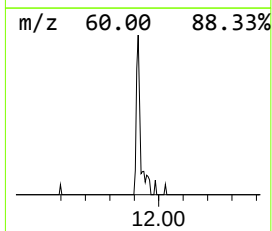
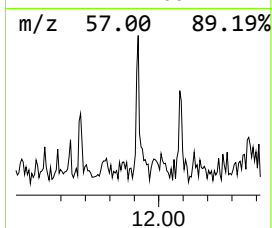
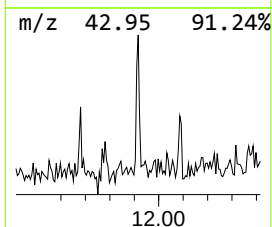
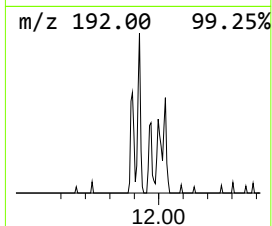
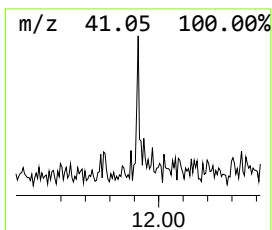
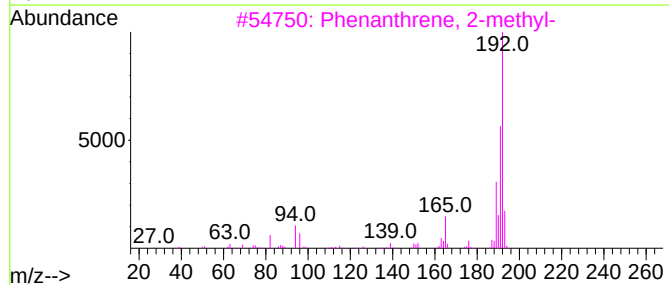
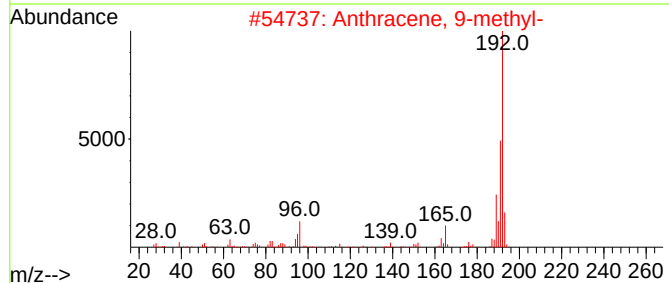
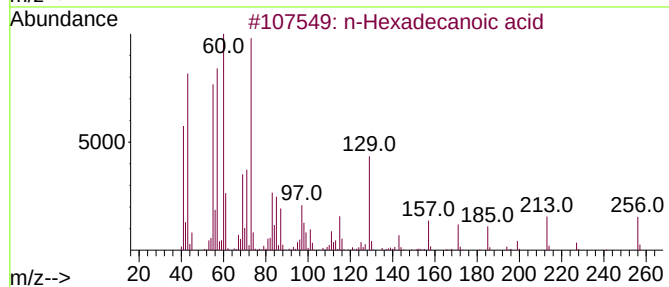
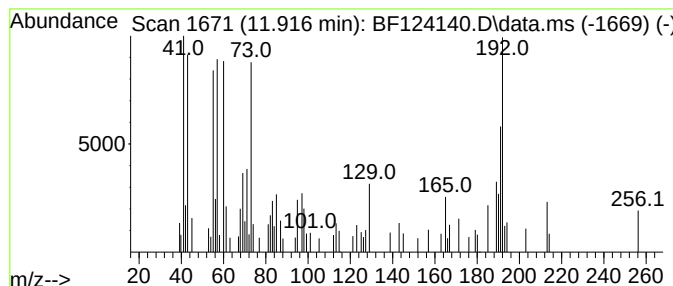
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	5.24 ng	76536	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	38
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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Misc :
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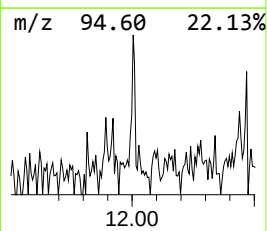
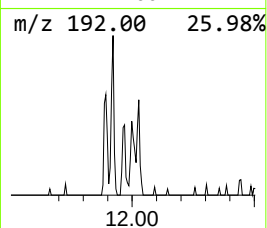
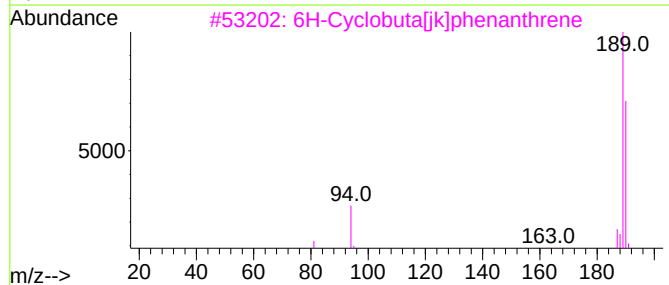
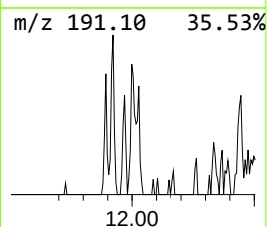
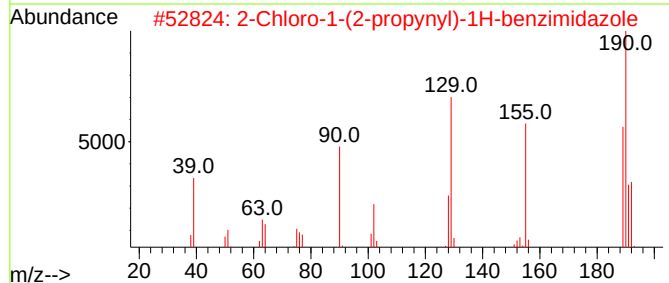
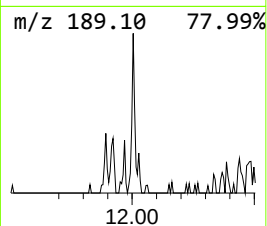
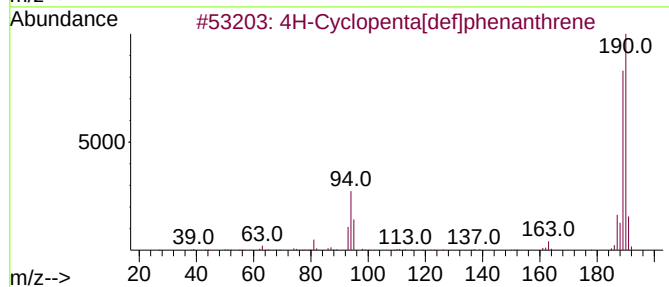
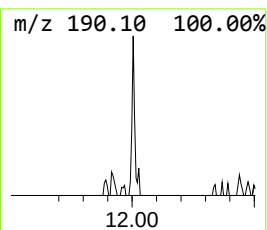
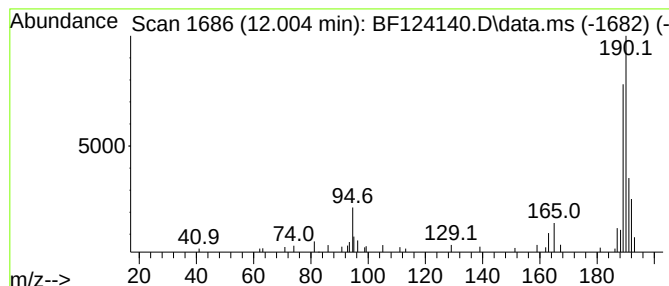
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	2.75 ng	40128	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			2-Chloro-1-(2-propynyl)-1H-benzi...	190	C10H7ClN2	080276-19-3	47
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
5			1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124140.D
Acq On : 4 Jun 2021 15:22
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ClientSampleId :
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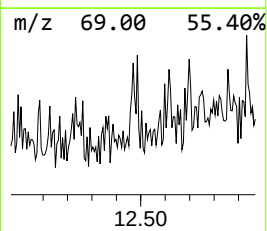
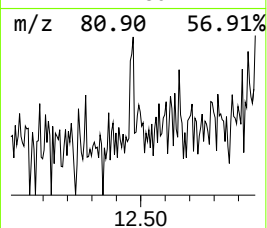
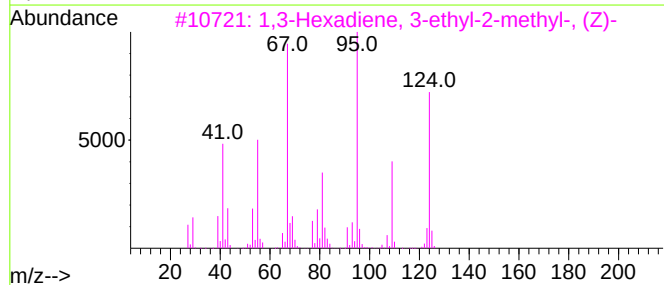
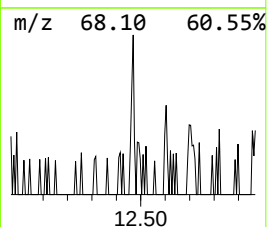
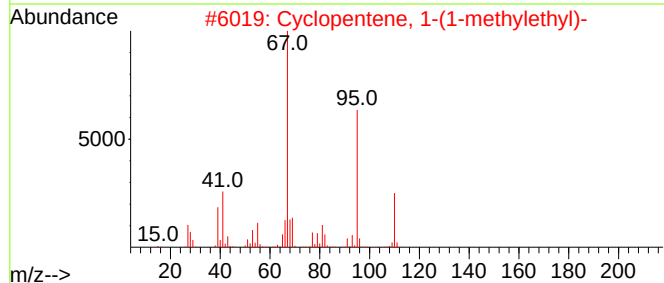
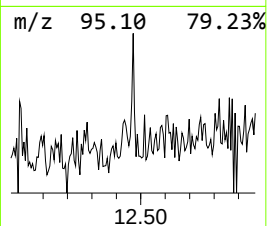
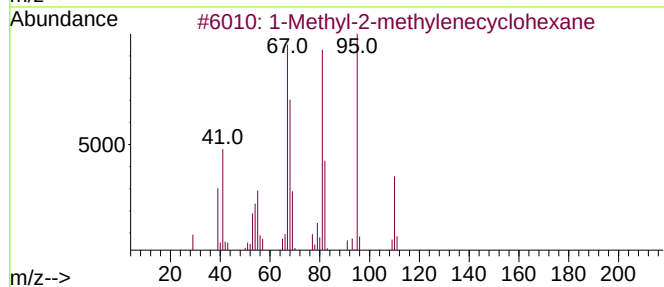
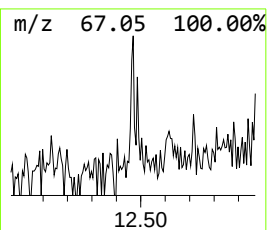
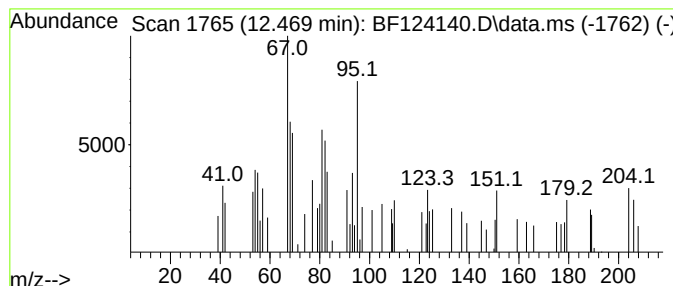
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.469 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	3.12 ng	45519	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	38
2			Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	38
3			1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	38
4			1-Bromo-1-bromomethyl-cyclohexane	254	C7H12Br2	022690-21-7	35
5			trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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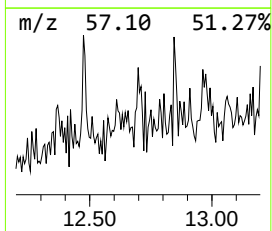
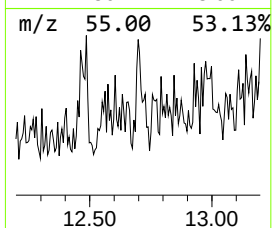
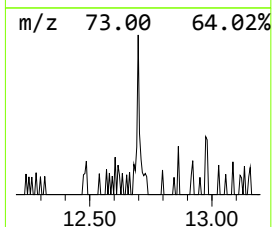
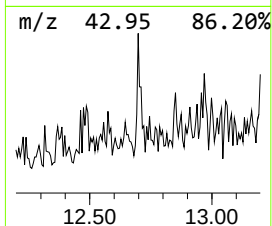
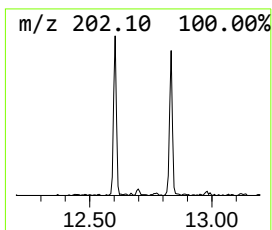
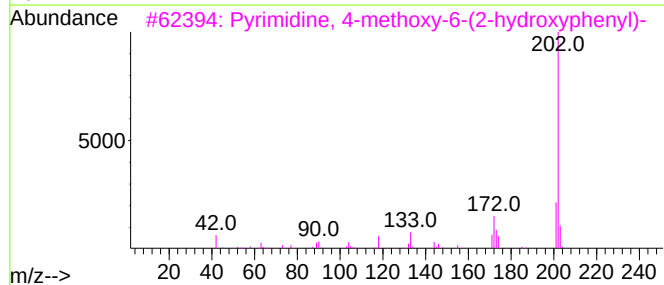
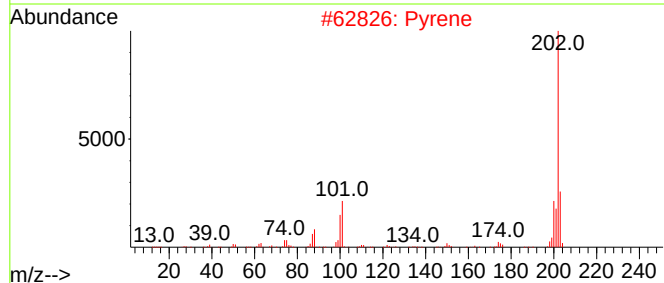
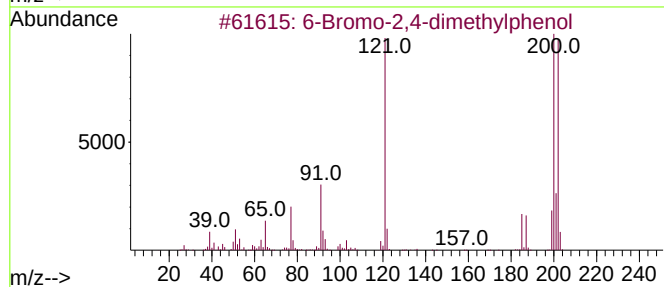
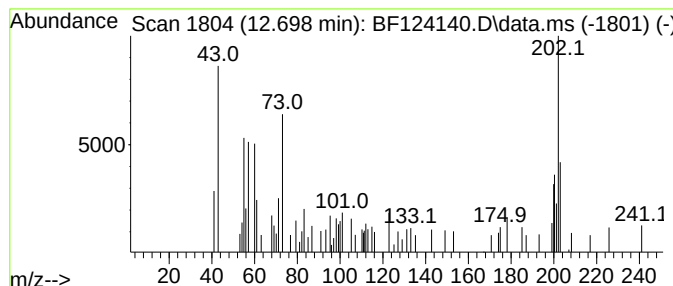
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.698 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	2.30 ng	33527	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Bromo-2,4-dimethylphenol	200	C8H9BrO	015191-36-3	38
2			Pyrene	202	C16H10	000129-00-0	27
3			Pyrimidine, 4-methoxy-6-(2-hydro...	202	C11H10N2O2	097630-79-0	22
4			Fluoranthene	202	C16H10	000206-44-0	22
5			Methyl 2-methylinden-3-on carbox...	202	C12H10O3	1000214-93-4	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124140.D
Acq On : 4 Jun 2021 15:22
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Misc :
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Instrument :
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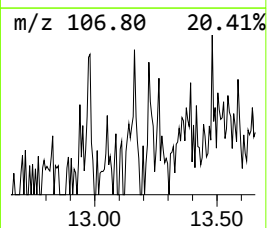
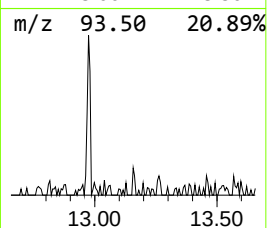
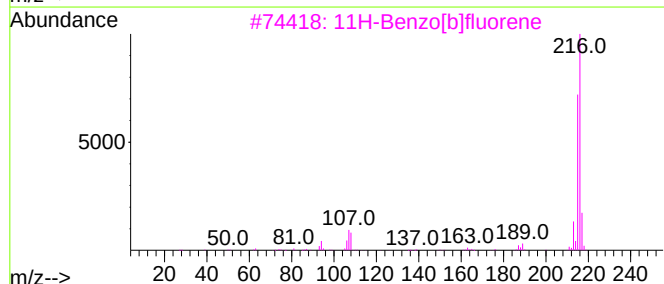
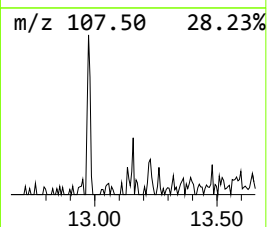
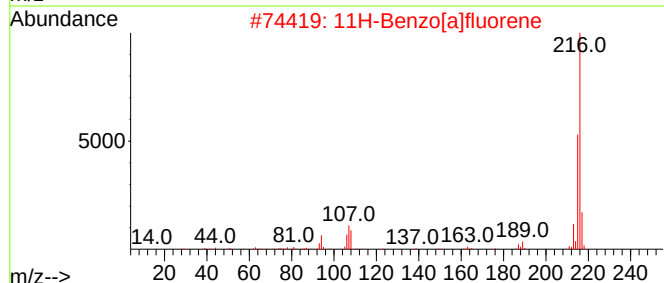
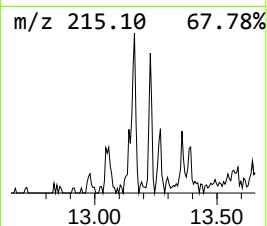
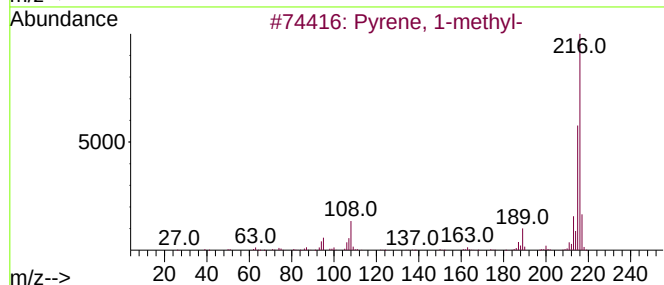
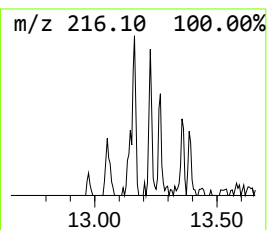
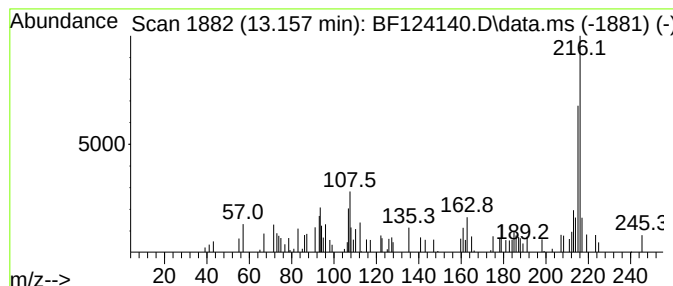
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.02 ng	44920	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5			7H-Benzanthrene	216	C17H12	000199-94-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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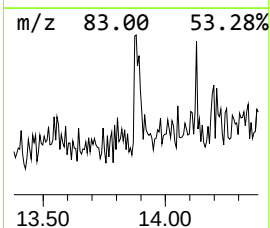
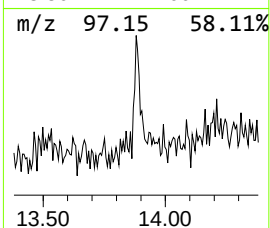
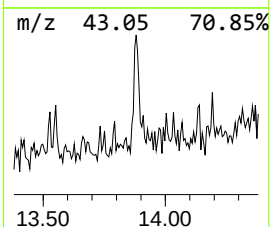
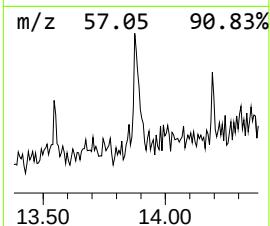
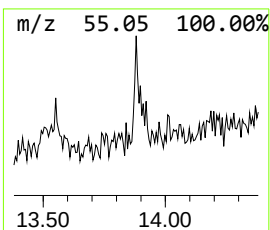
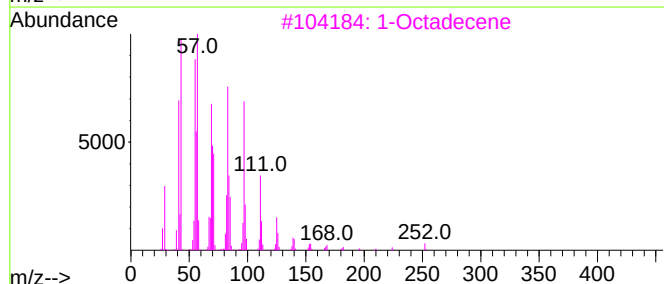
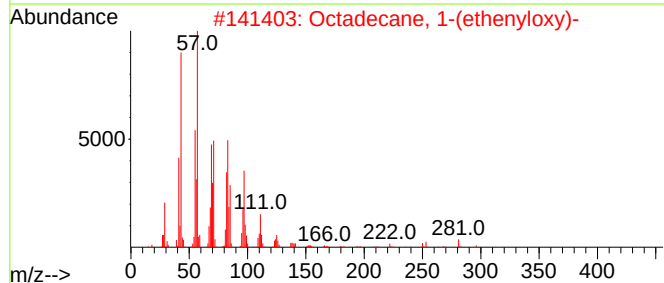
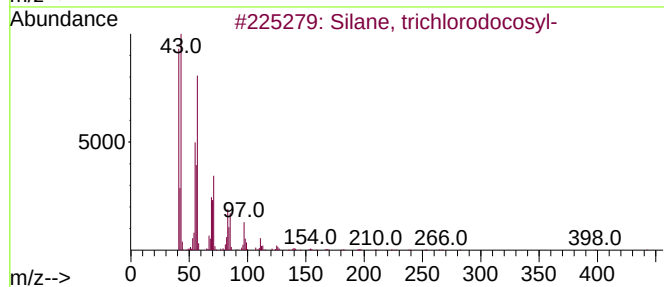
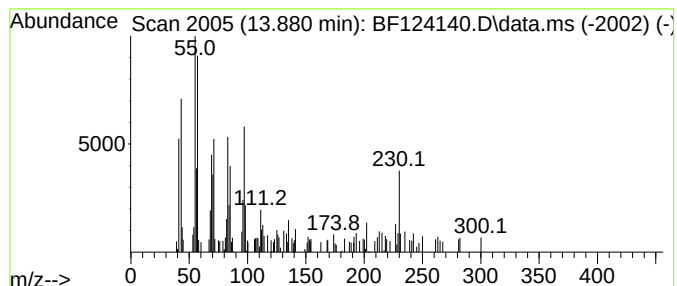
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Silane, trichlorodocosyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.880	5.52 ng	122555	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Silane, trichlorodocosyl-		442	C22H45Cl3Si	007325-84-0	68
2	Octadecane, 1-(ethenyloxy)-		296	C20H40O	000930-02-9	64
3	1-Octadecene		252	C18H36	000112-88-9	53
4	1-Heptadecene		238	C17H34	006765-39-5	53
5	1,2-Octadecanediol		286	C18H38O2	020294-76-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124140.D
Acq On : 4 Jun 2021 15:22
Operator : JU/CG
Sample : M2588-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-074-B

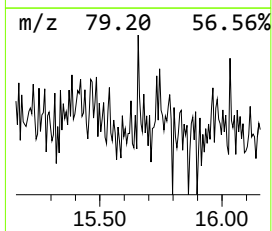
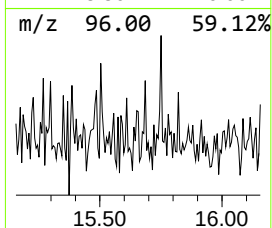
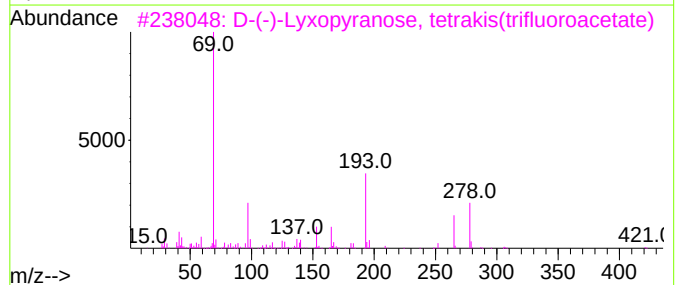
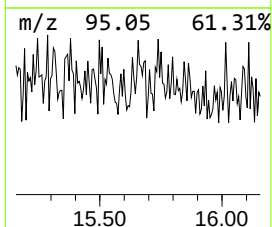
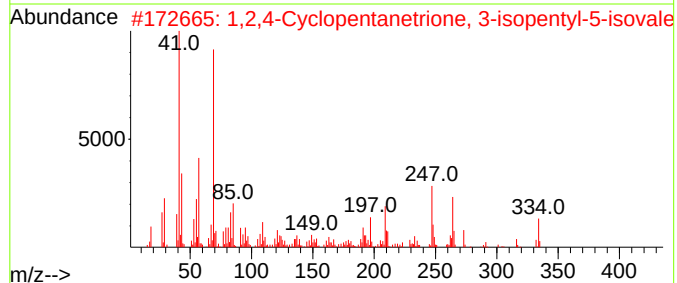
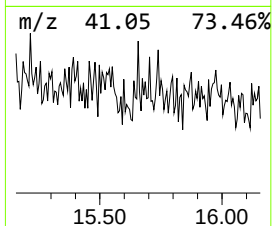
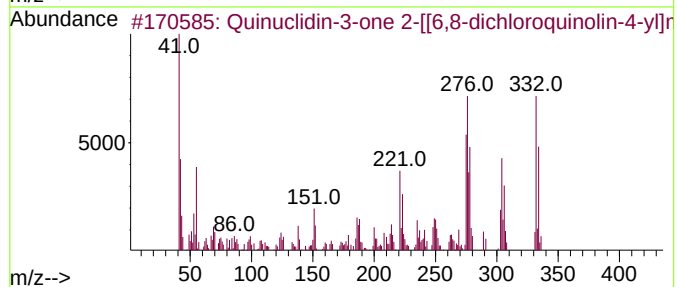
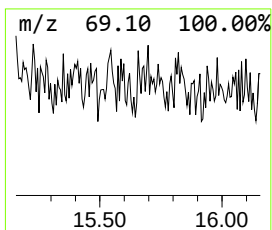
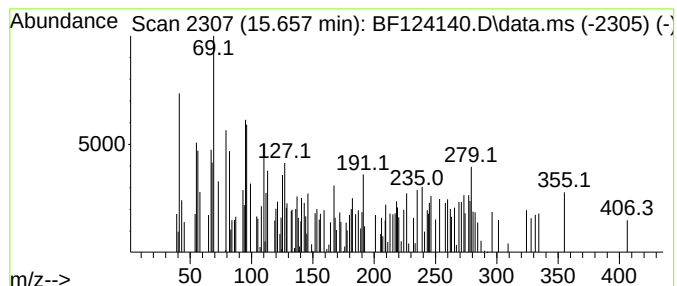
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.657 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	2.71 ng	28736	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinuclidin-3-one 2-[[6,8-dichlo...	332	C17H14Cl2N2O	1000254-07-0	9		
2	1,2,4-Cyclopentanetrione, 3-isop...	334	C20H30O4	001891-39-0	9		
3	D-(-)-Lyxopyranose, tetrakis(tri...	534	C13H6F12O9	1000380-26-9	9		
4	Erythritol, tetrakis(trifluoroac...	506	C12H6F12O8	027088-70-6	9		
5	Dieldrin	378	C12H8Cl6O	000060-57-1	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124140.D
Acq On : 4 Jun 2021 15:22
Operator : JU/CG
Sample : M2588-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-074-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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
Butane, 2-metho...	2.140	41.8	ng	563186	1	6.863	269322	20.0
Propane, 1,1-di...	2.246	2.6	ng	34613	1	6.863	269322	20.0
2-Pentanone, 4-...	5.093	3.1	ng	41966	1	6.863	269322	20.0
Ethanol, 2-(2-b...	8.045	8.0	ng	124300	2	8.145	311009	20.0
unknown10.816	10.816	2.1	ng	30892	4	11.392	291903	20.0
n-Hexadecanoic ...	11.916	5.2	ng	76536	4	11.392	291903	20.0
4H-Cyclopenta[d...	12.004	2.8	ng	40128	4	11.392	291903	20.0
unknown12.469	12.469	3.1	ng	45519	4	11.392	291903	20.0
unknown12.698	12.698	2.3	ng	33527	4	11.392	291903	20.0
Pyrene, 1-methyl-	13.157	2.0	ng	44920	5	14.033	444020	20.0
Silane, trichlo...	13.880	5.5	ng	122555	5	14.033	444020	20.0
unknown15.657	15.657	2.7	ng	28736	6	15.515	212157	20.0