

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110478.D
 Acq On : 5 Nov 2018 21:12
 Operator : JU/SJ
 Sample : J5815-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-R47183-RT

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-BF102318.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	2.293	29	35	49	rVB	259789	333468	20.12%	2.190%
2	5.193	524	528	536	rBV	45189	61689	3.72%	0.405%
3	5.575	589	593	611	rVB	1385536	1431948	86.39%	9.406%
4	6.581	759	764	782	rBV	1441440	1622449	97.88%	10.657%
5	6.722	784	788	792	rVV	1709277	1573706	94.94%	10.337%
6	6.775	795	797	801	rVB	23754	20509	1.24%	0.135%
7	6.951	824	827	833	rBV	640945	578951	34.93%	3.803%
8	7.110	850	854	869	rVB	1410939	1219620	73.58%	8.011%
9	7.516	919	923	934	rBV	933846	944984	57.01%	6.207%
10	8.239	1042	1046	1065	rVB	691369	767715	46.32%	5.043%
11	8.957	1165	1168	1173	rBV	24415	23467	1.42%	0.154%
12	9.051	1180	1184	1190	rBV	24590	23548	1.42%	0.155%
13	9.310	1224	1228	1237	rBV	1928203	1657533	100.00%	10.887%
14	9.704	1289	1295	1302	rVB	177182	193970	11.70%	1.274%
15	9.998	1341	1345	1353	rVB	723995	716537	43.23%	4.707%
16	10.404	1411	1414	1419	rVB2	20205	18993	1.15%	0.125%
17	10.786	1475	1479	1491	rBV	739327	756323	45.63%	4.968%
18	10.886	1491	1496	1505	rVB3	23375	38996	2.35%	0.256%
19	11.486	1595	1598	1607	rBV	562388	599434	36.16%	3.937%
20	11.992	1679	1684	1686	rBV2	35705	36577	2.21%	0.240%
21	12.545	1775	1778	1781	rBV3	18423	19584	1.18%	0.129%
22	12.710	1802	1806	1810	rBV	24558	25281	1.53%	0.166%
23	12.939	1843	1845	1849	rVB	22301	20375	1.23%	0.134%
24	13.068	1863	1867	1876	rVB	1327617	1108710	66.89%	7.283%
25	13.274	1898	1902	1906	rVB3	16214	20414	1.23%	0.134%
26	13.951	2014	2017	2022	rBV2	56063	80876	4.88%	0.531%
27	14.133	2044	2048	2055	rBV	518430	552519	33.33%	3.629%
28	14.263	2068	2070	2074	rVB4	28744	26753	1.61%	0.176%
29	14.568	2118	2122	2130	rVB3	42874	62292	3.76%	0.409%
30	14.880	2172	2175	2179	rVB2	38828	48137	2.90%	0.316%
31	15.233	2232	2235	2242	rVB	53579	81767	4.93%	0.537%
32	15.627	2299	2302	2304	rBV2	36373	53288	3.21%	0.350%
33	15.662	2304	2308	2319	rVB	257130	404948	24.43%	2.660%
34	16.080	2376	2379	2385	rVB	36937	57994	3.50%	0.381%

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

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

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35	16.615	2466	2470	2475	rBV3	23779	40945	2.47%	0.269%
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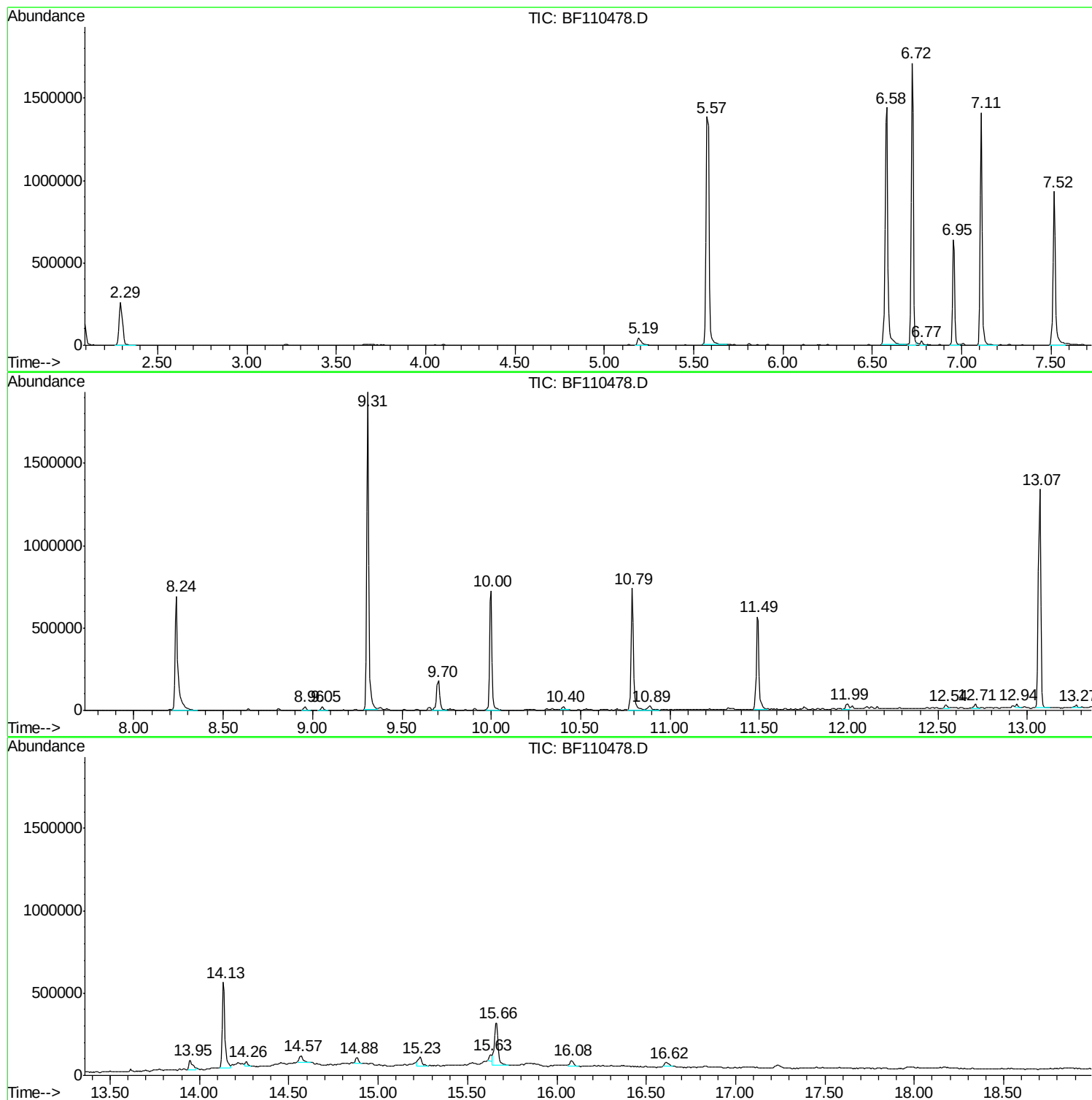
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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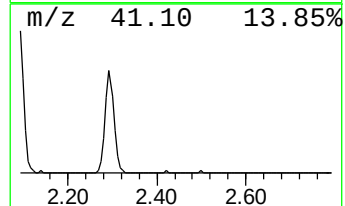
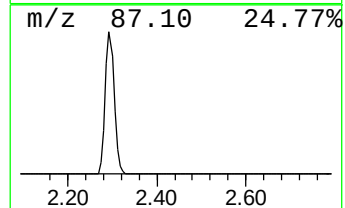
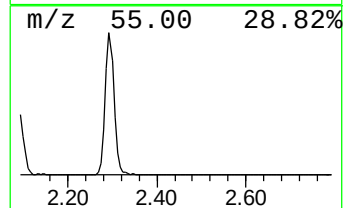
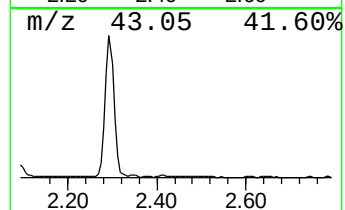
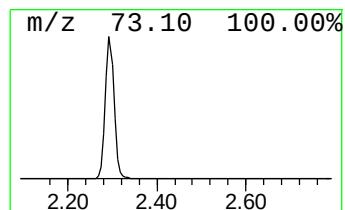
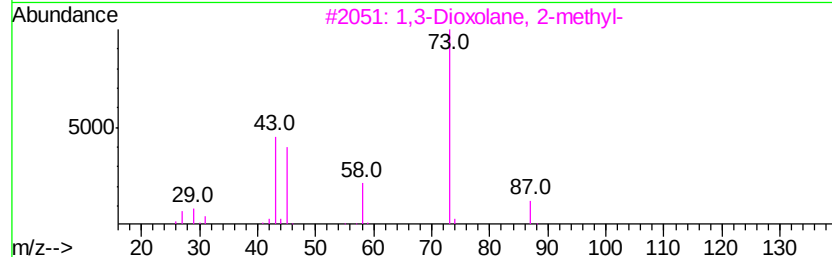
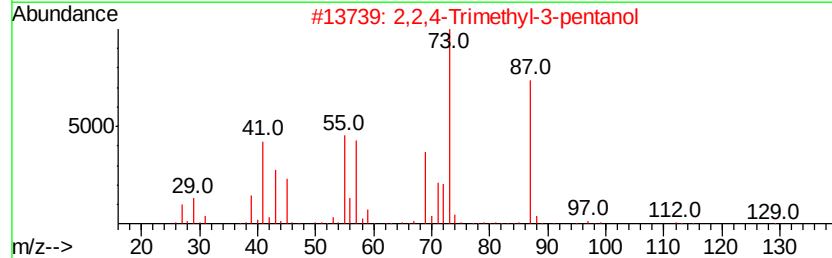
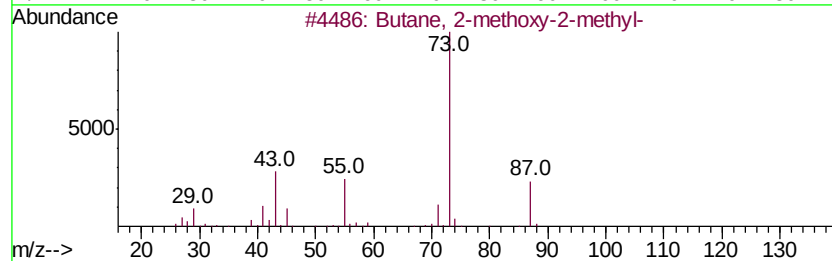
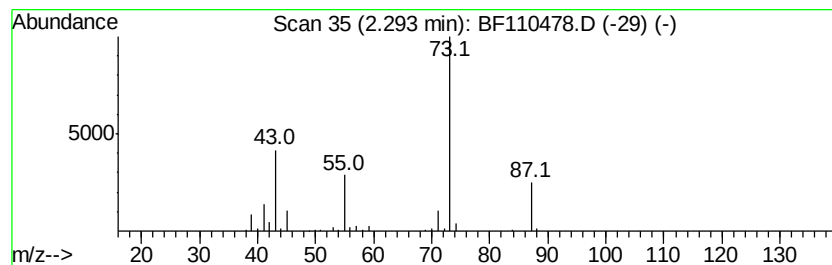
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.29	11.52 ng	333468	1,4-Dichlorobenzene-d4	6.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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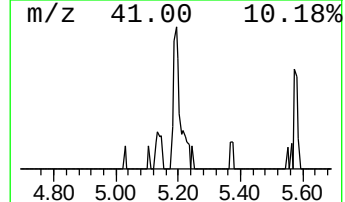
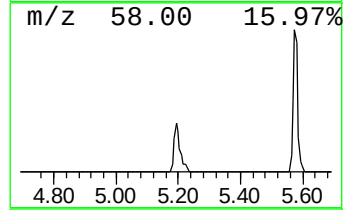
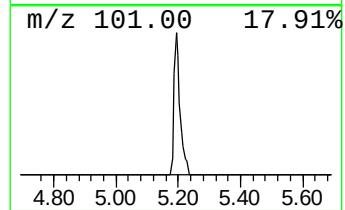
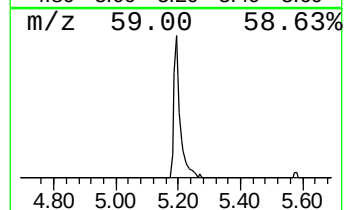
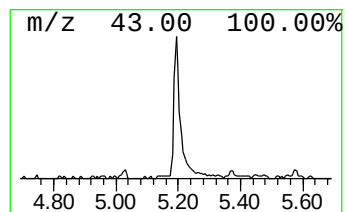
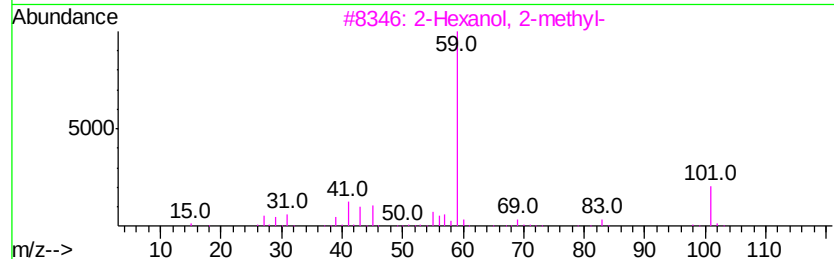
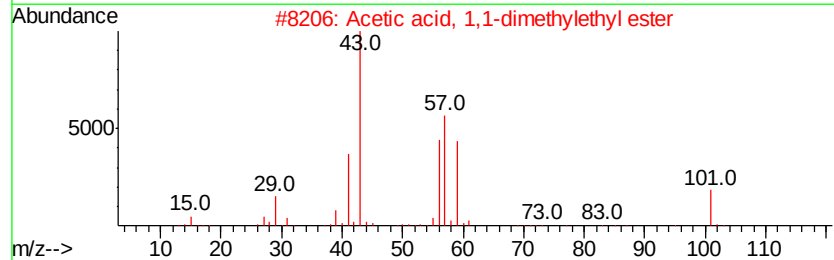
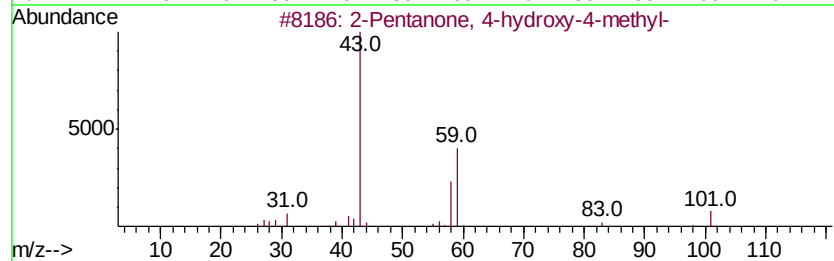
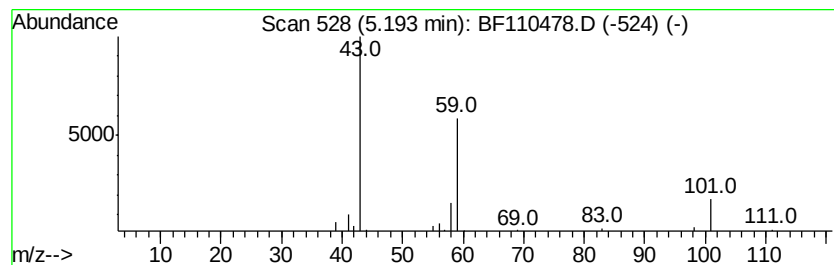
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.13 ng	61689	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5		2-Nonanone	142	C9H18O	000821-55-6	17



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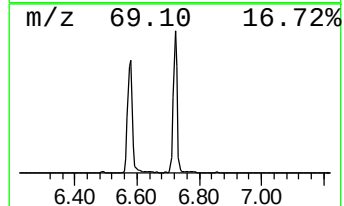
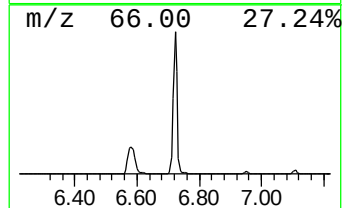
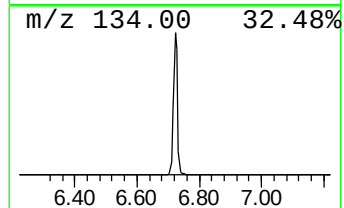
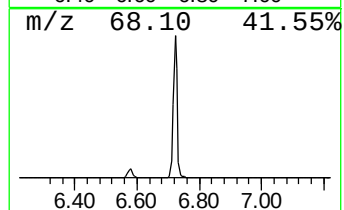
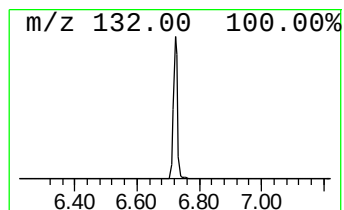
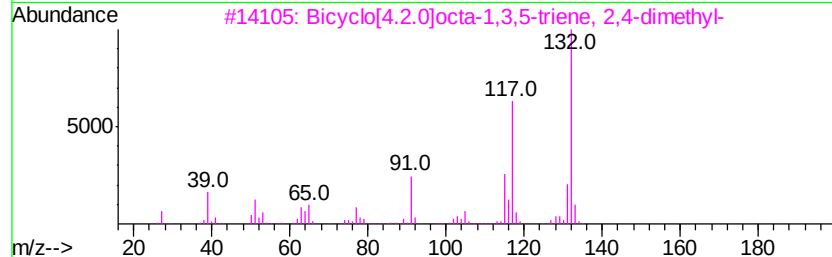
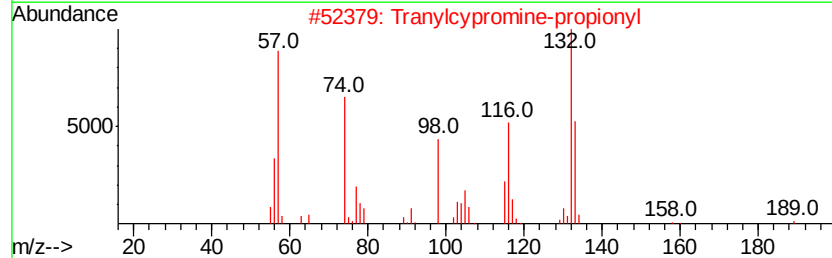
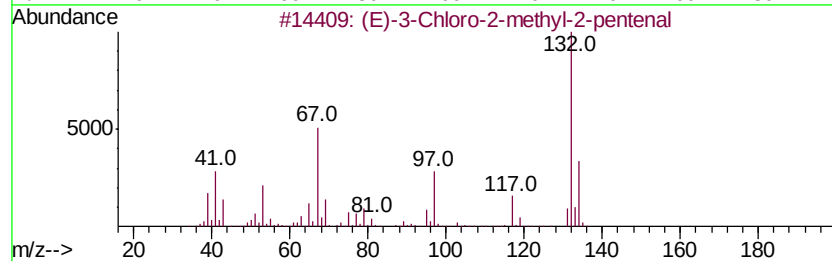
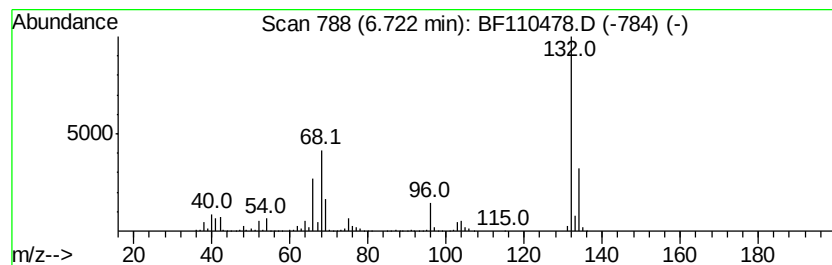
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	54.36 ng	1573710	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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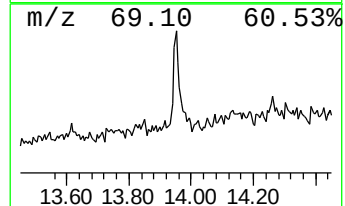
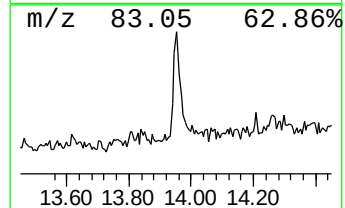
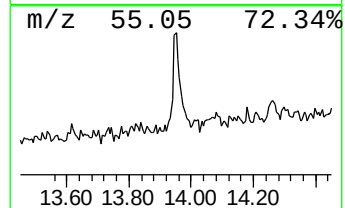
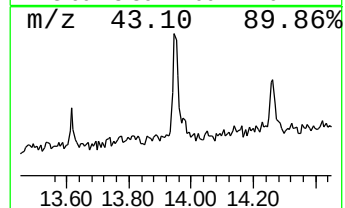
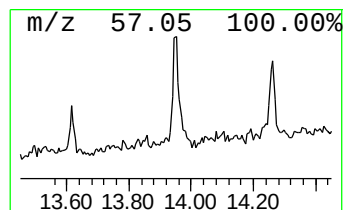
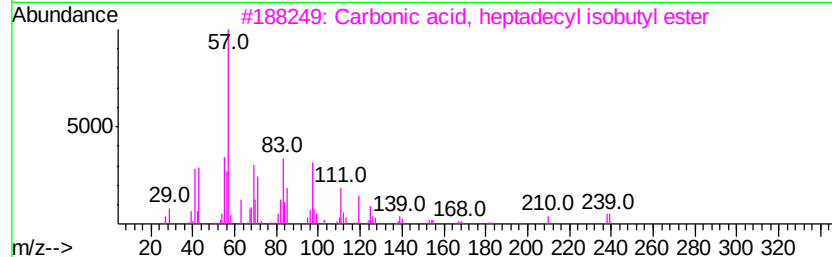
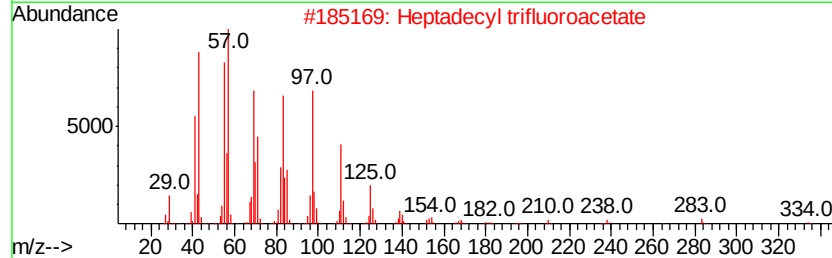
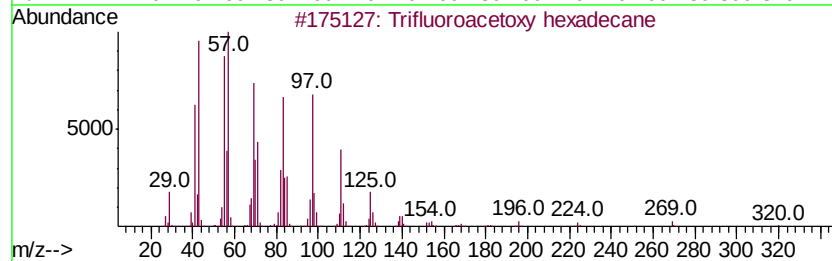
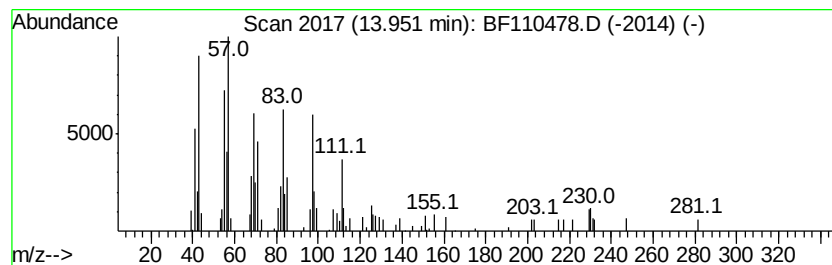
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.95	2.93 ng	80876	Chrysene-d12		14.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
3			Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	90
4			Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	87
5			Carbonic acid, hexadecyl isobuty...	342	C21H42O3	1000314-61-3	87



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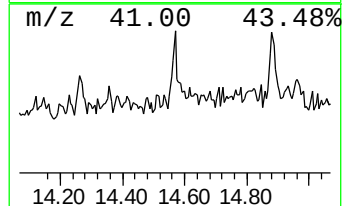
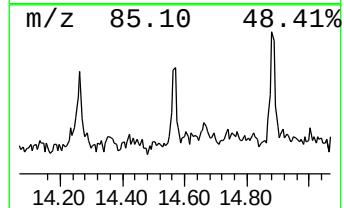
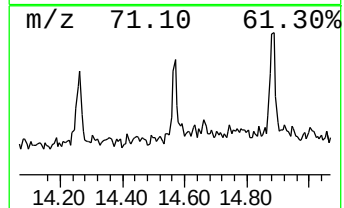
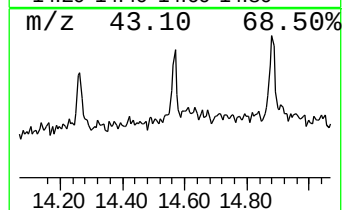
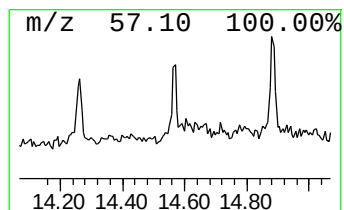
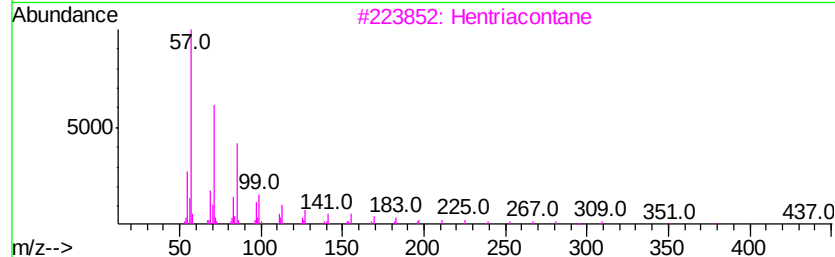
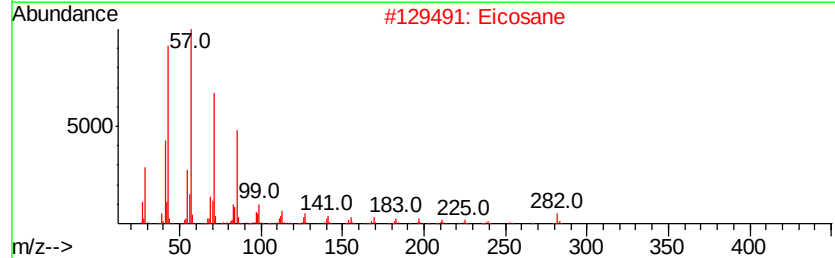
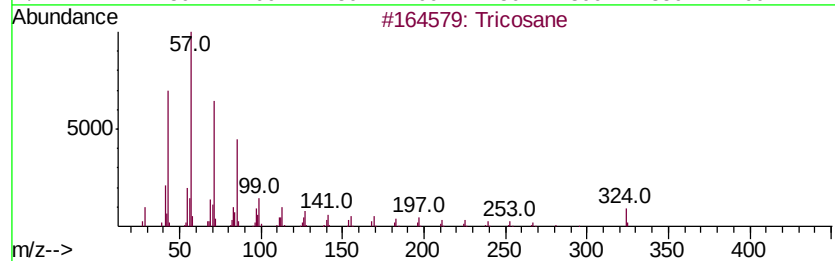
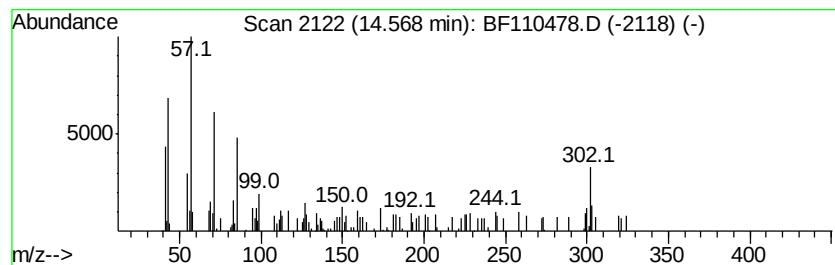
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.25 ng	62292	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane		324	C23H48	000638-67-5	60
2	Eicosane		282	C20H42	000112-95-8	45
3	Hentriacontane		437	C31H64	000630-04-6	43
4	Hexadecane		226	C16H34	000544-76-3	43
5	Octacosane		394	C28H58	000630-02-4	43



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Operator : JU/SJ
Sample : J5815-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-R47183-RT

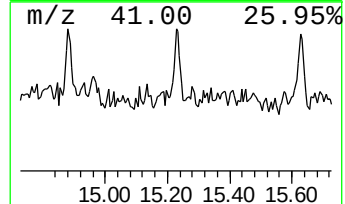
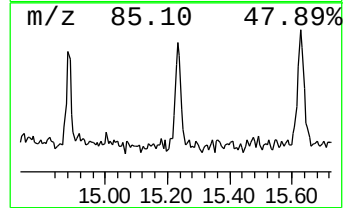
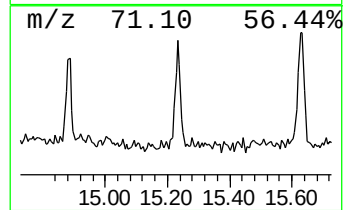
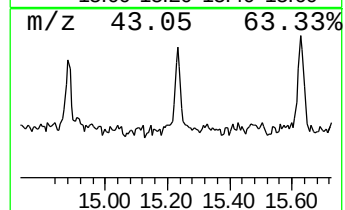
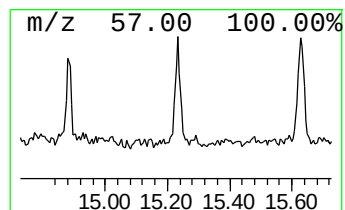
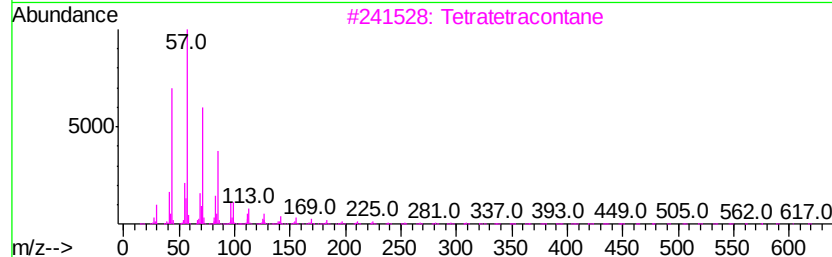
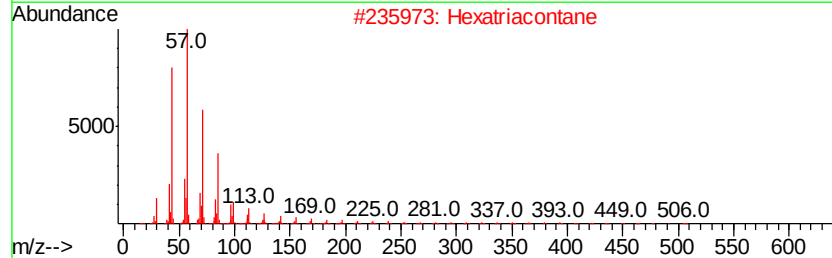
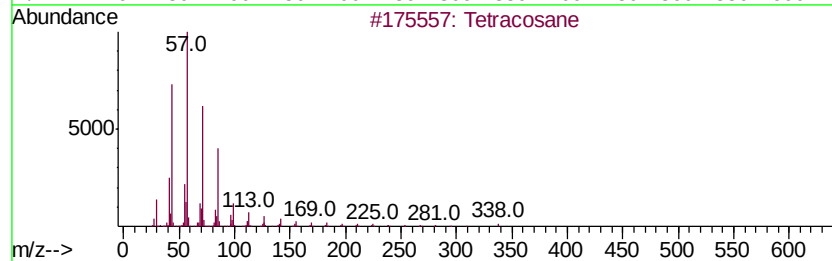
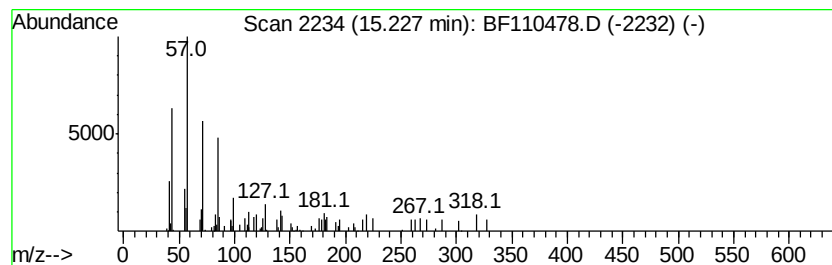
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	4.04 ng	81767	Perylene-d12	15.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	72
2		Hexatriacontane	507	C36H74	000630-06-8	72
3		Tetratetracontane	619	C44H90	007098-22-8	72
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5		Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110478.D
Acq On : 5 Nov 2018 21:12
Operator : JU/SJ
Sample : J5815-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-R47183-RT

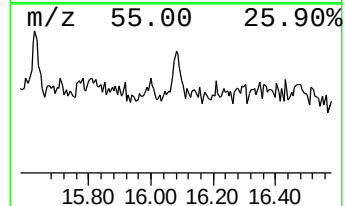
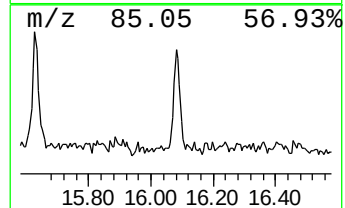
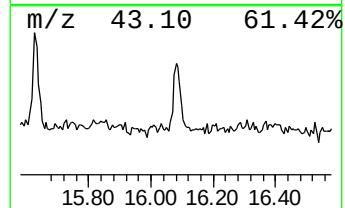
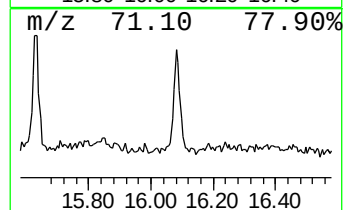
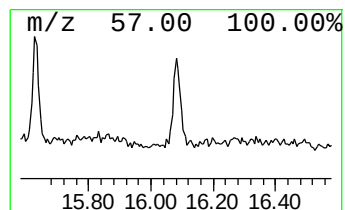
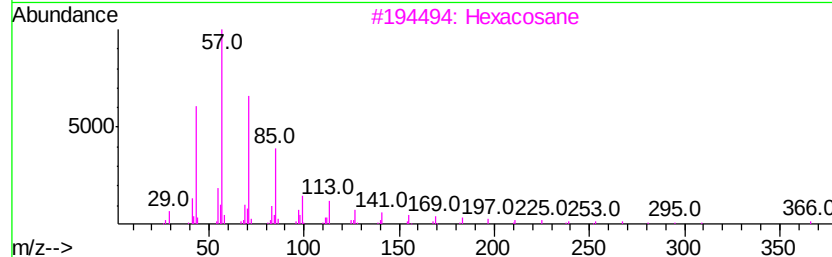
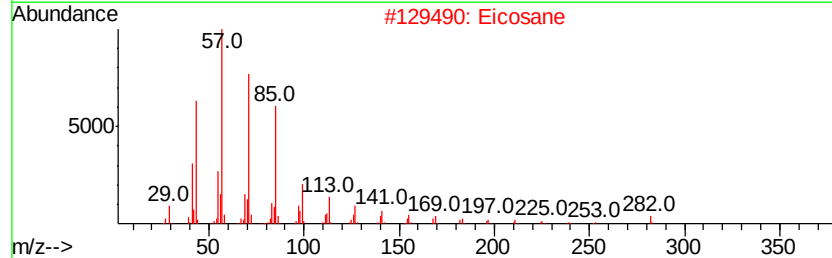
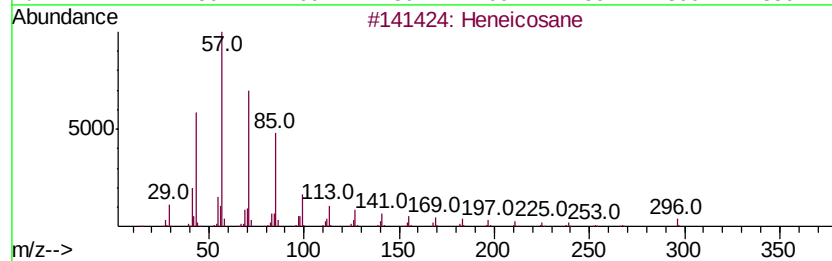
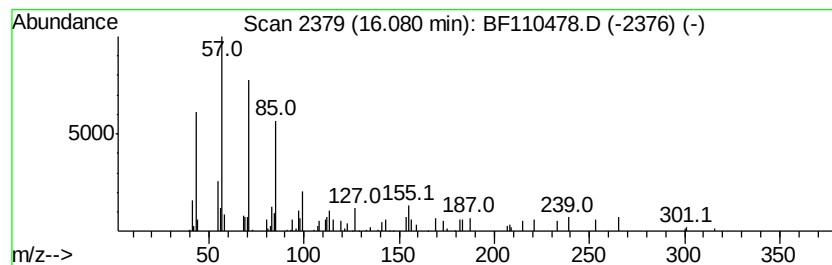
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	2.86 ng	57994	Perylene-d12	15.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	86
2	Eicosane		282	C20H42	000112-95-8	86
3	Hexacosane		366	C26H54	000630-01-3	83
4	5-Ethyl-5-methylnonadecane		310	C22H46	1000360-42-7	80
5	Pentacosane		352	C25H52	000629-99-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110478.D
Acq On : 5 Nov 2018 21:12
Operator : JU/SJ
Sample : J5815-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-R47183-RT

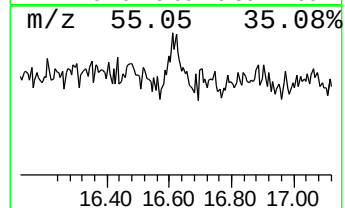
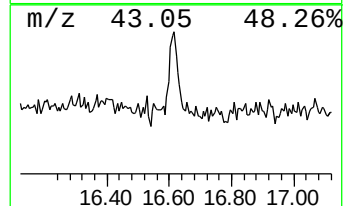
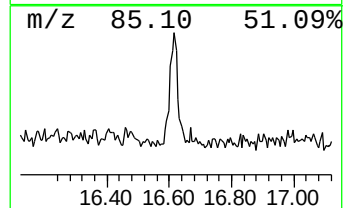
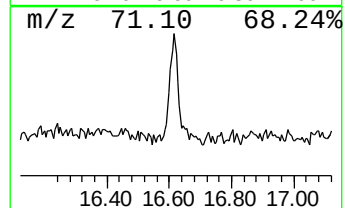
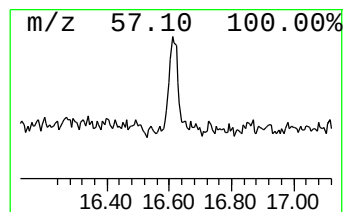
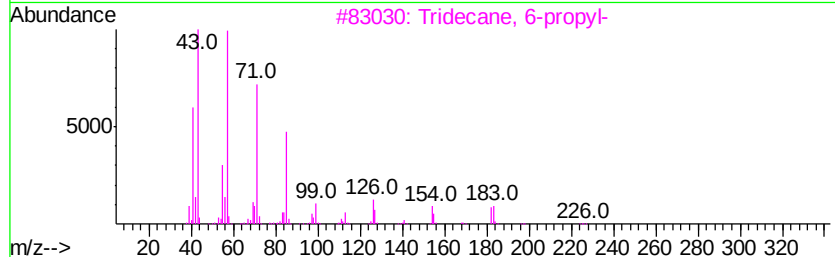
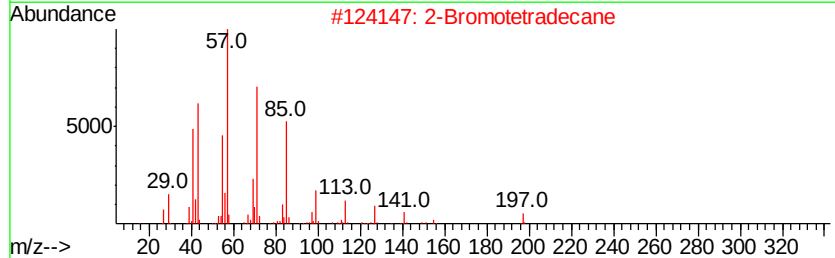
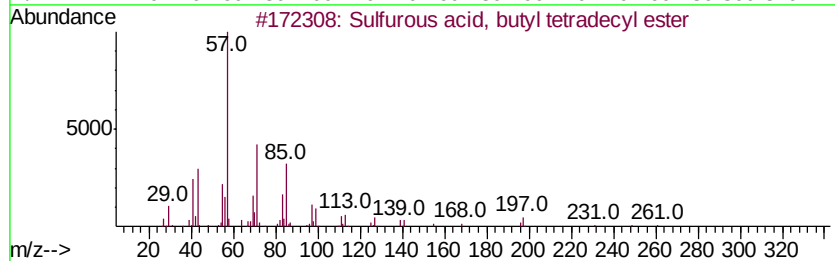
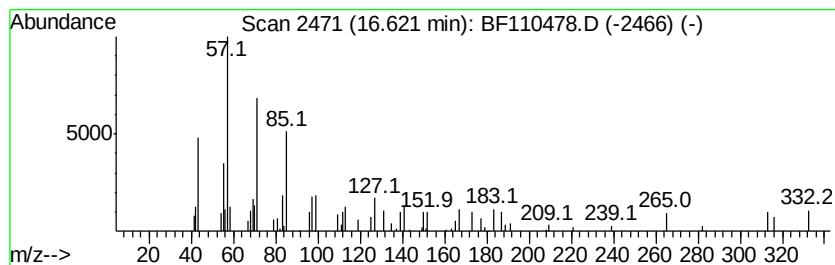
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, butyl tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.02 ng	40945	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	53
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	52
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	47
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47
5		Octadecane	254	C18H38	000593-45-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110478.D
Acq On : 5 Nov 2018 21:12
Operator : JU/SJ
Sample : J5815-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HL-R47183-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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-methoxy...	2.29	11.5	ng	333468	1	6.95	578951	20.0
2-Pentanone, 4-hy...	5.19	2.1	ng	61689	1	6.95	578951	20.0
unknown6.72	6.72	54.4	ng	1573710	1	6.95	578951	20.0
Trifluoroacetoxy ...	13.95	2.9	ng	80876	5	14.13	552519	20.0
Tricosane	14.57	2.3	ng	62292	5	14.13	552519	20.0
Tetracosane	15.23	4.0	ng	81767	6	15.66	404948	20.0
Heneicosane	16.08	2.9	ng	57994	6	15.66	404948	20.0
Sulfurous acid, b...	16.62	2.0	ng	40945	6	15.66	404948	20.0