

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110568.D
 Acq On : 7 Nov 2018 21:01
 Operator : JU/SJ
 Sample : J5813-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-I

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	2.257	24	29	35	rVB	308766	410534	22.54%	2.246%
2	5.193	524	528	537	rBV	51408	75041	4.12%	0.411%
3	5.575	589	593	609	rBV	1802316	1713090	94.05%	9.372%
4	6.581	759	764	777	rBV	1663664	1821528	100.00%	9.965%
5	6.722	784	788	791	rBV	2051748	1777498	97.58%	9.725%
6	6.951	824	827	833	rBV	568700	451570	24.79%	2.471%
7	7.110	849	854	857	rBV	1461213	1369925	75.21%	7.495%
8	7.516	918	923	944	rBV	1103003	1084510	59.54%	5.933%
9	8.234	1041	1045	1063	rBV	517525	534050	29.32%	2.922%
10	9.304	1223	1227	1237	rBV	1680183	1651444	90.66%	9.035%
11	9.698	1291	1294	1301	rBV	180720	169943	9.33%	0.930%
12	9.992	1340	1344	1356	rVB	528441	490527	26.93%	2.684%
13	10.786	1475	1479	1486	rBV	896864	849320	46.63%	4.647%
14	11.486	1595	1598	1601	rBV	501792	470587	25.83%	2.575%
15	11.510	1601	1602	1607	rVB	141061	103112	5.66%	0.564%
16	11.992	1681	1684	1688	rBV	149797	139470	7.66%	0.763%
17	12.104	1700	1703	1706	rBV2	19514	21912	1.20%	0.120%
18	12.322	1736	1740	1744	rBV2	30219	31311	1.72%	0.171%
19	12.704	1802	1805	1815	rBV	316140	299156	16.42%	1.637%
20	12.774	1815	1817	1825	rBV5	24469	37743	2.07%	0.206%
21	12.916	1838	1841	1842	rBV	49958	43379	2.38%	0.237%
22	12.939	1842	1845	1851	rVB	251379	236698	12.99%	1.295%
23	13.069	1863	1867	1870	rBV	1691481	1404037	77.08%	7.681%
24	13.151	1877	1881	1885	rBV2	13852	26323	1.45%	0.144%
25	13.263	1894	1900	1904	rBV2	35099	56704	3.11%	0.310%
26	13.492	1937	1939	1944	rBV4	30720	46094	2.53%	0.252%
27	13.780	1985	1988	1990	rBV	36424	35573	1.95%	0.195%
28	13.886	2003	2006	2008	rBV	37958	36265	1.99%	0.198%
29	13.945	2013	2016	2021	rVV3	204526	231745	12.72%	1.268%
30	13.986	2021	2023	2027	rVB	36152	35398	1.94%	0.194%
31	14.139	2044	2049	2051	rBV2	592981	632063	34.70%	3.458%
32	14.163	2051	2053	2060	rVB	152310	139920	7.68%	0.765%
33	14.574	2119	2123	2130	rBV6	68383	129094	7.09%	0.706%
34	14.886	2174	2176	2179	rVB	53695	43643	2.40%	0.239%

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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	15.045	2199	2203	2207	rVB	357818	396007	21.74%	2.167%
36	15.210	2228	2231	2233	rBV	88147	112437	6.17%	0.615%
37	15.239	2233	2236	2238	rVV	162953	184546	10.13%	1.010%
38	15.268	2238	2241	2248	rVB	262759	362733	19.91%	1.984%
39	15.604	2295	2298	2301	rBV	49833	67437	3.70%	0.369%
40	15.633	2301	2303	2306	rVV	59005	80402	4.41%	0.440%
41	15.668	2306	2309	2313	rVB	216286	264103	14.50%	1.445%
42	16.092	2377	2381	2386	rVB	140185	211502	11.61%	1.157%

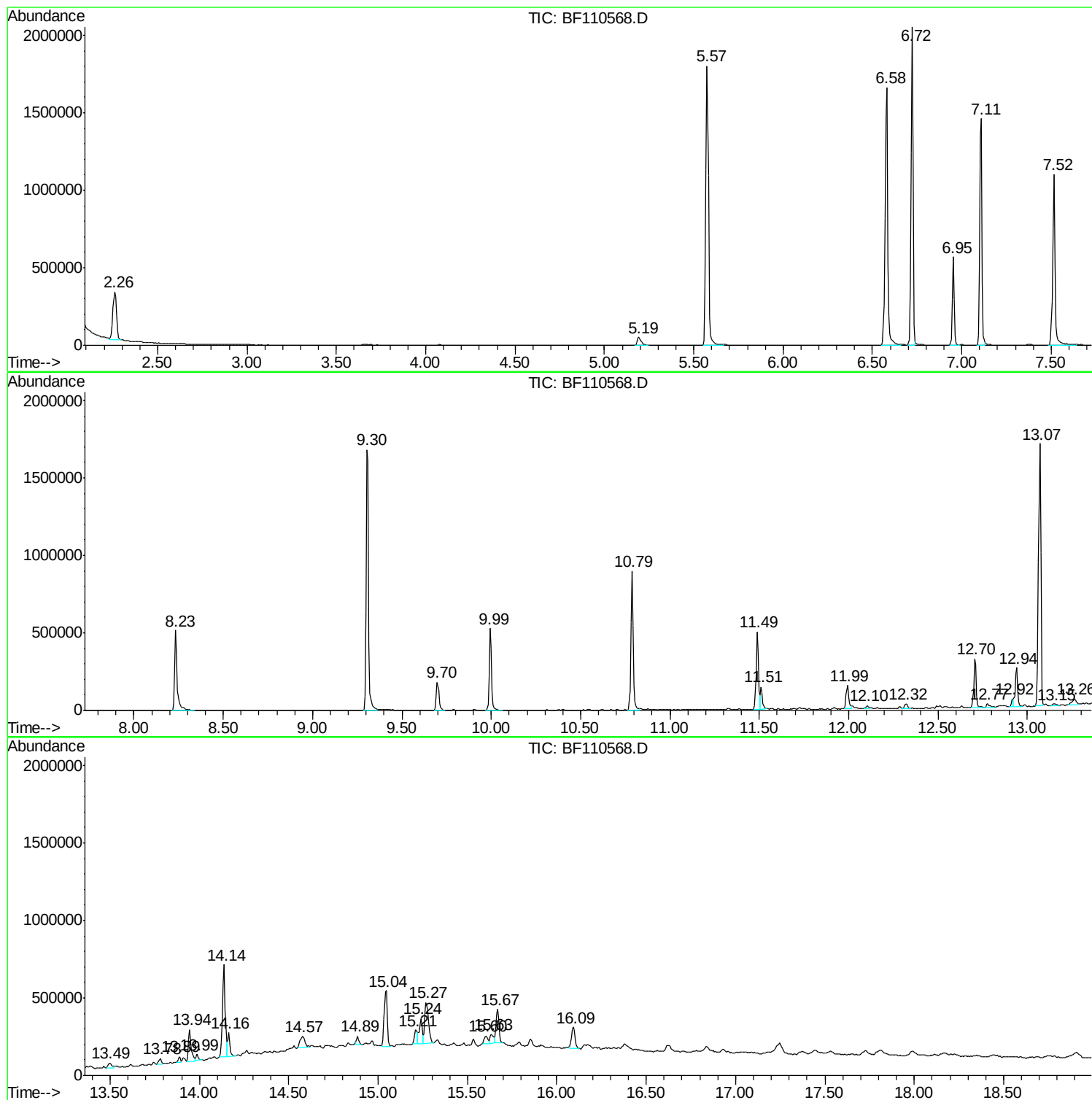
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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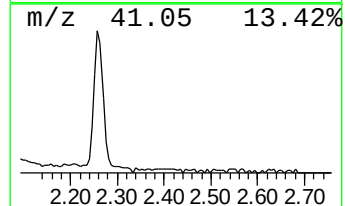
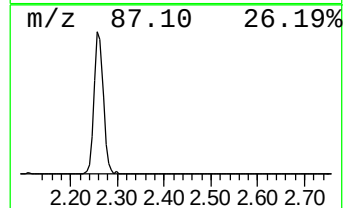
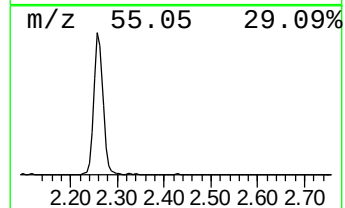
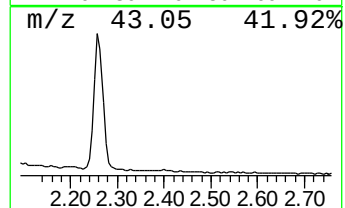
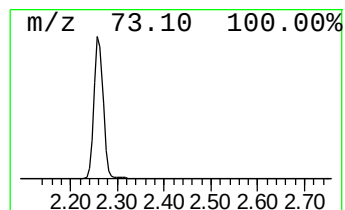
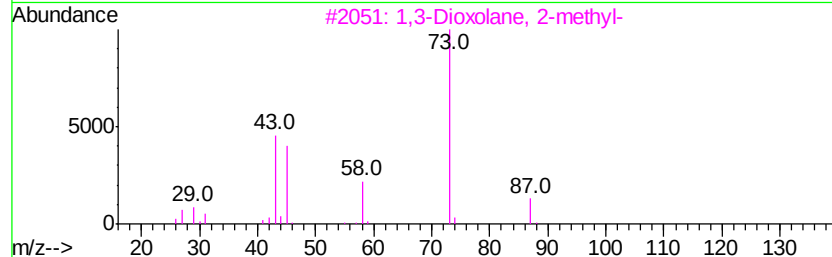
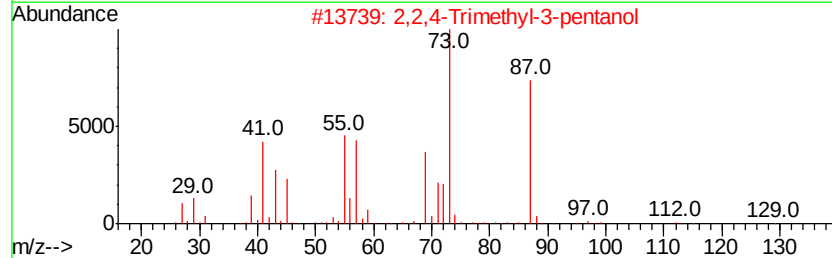
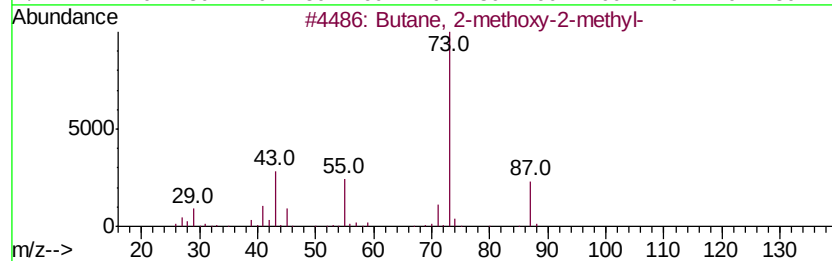
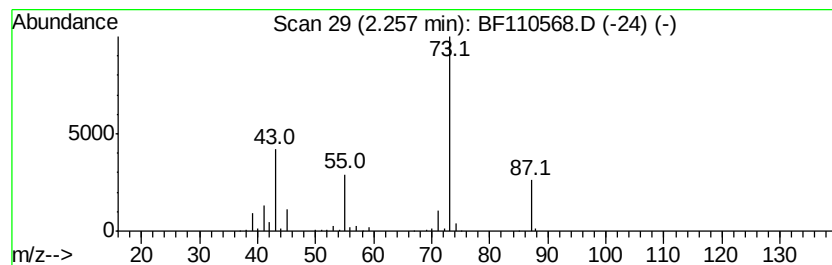
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	18.18 ng	410534	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12



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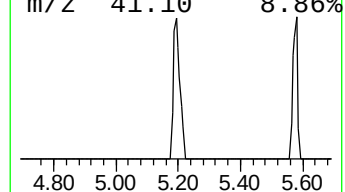
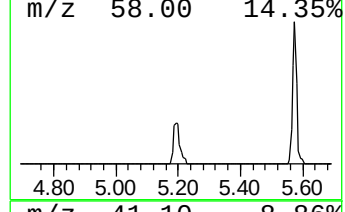
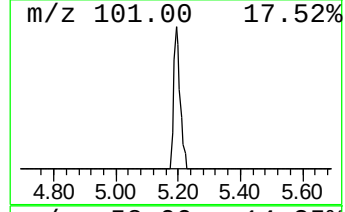
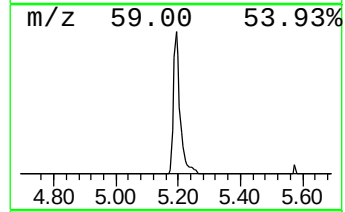
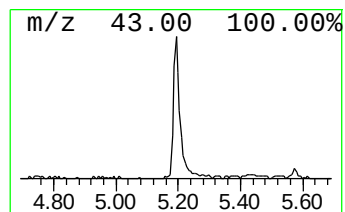
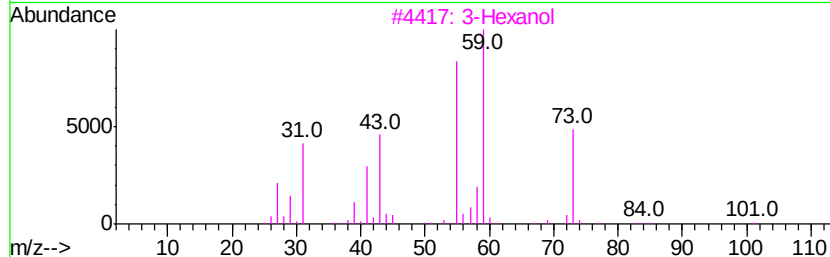
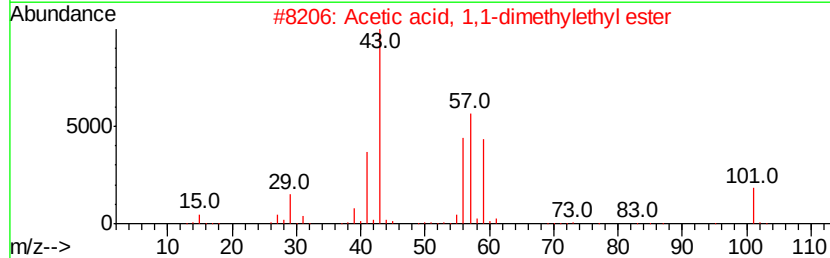
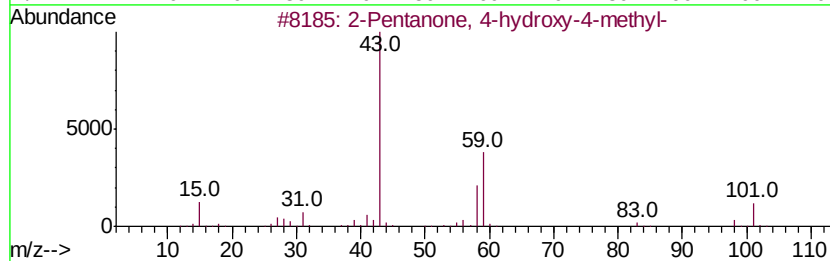
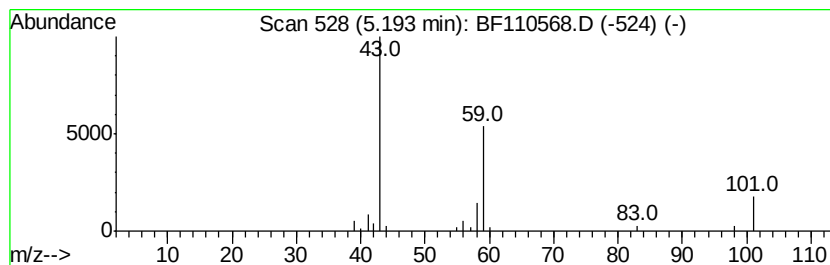
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.32 ng	75041	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol	102	C6H14O	000623-37-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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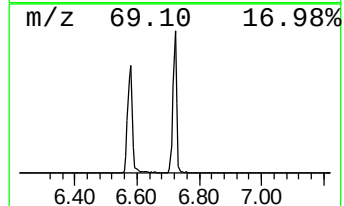
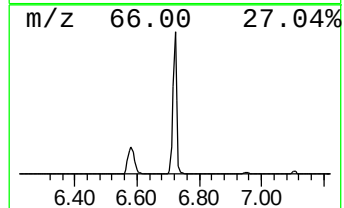
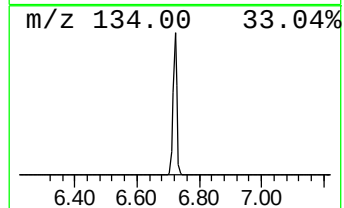
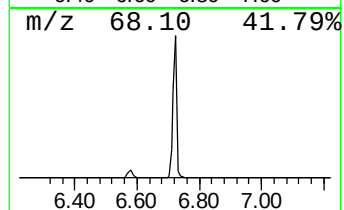
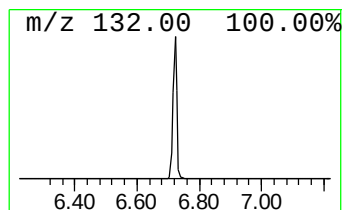
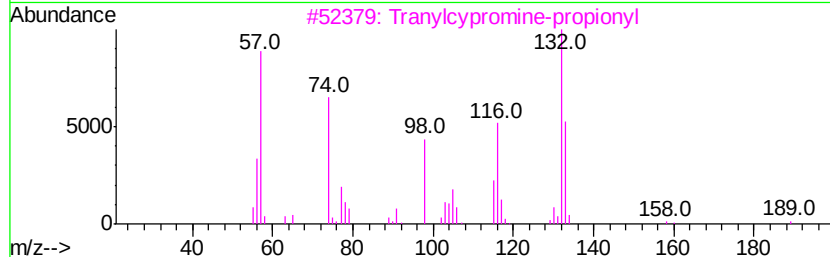
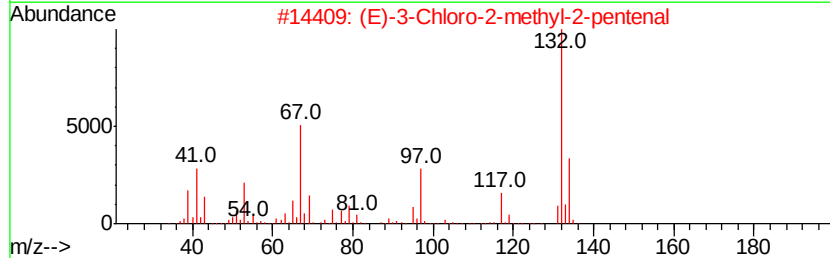
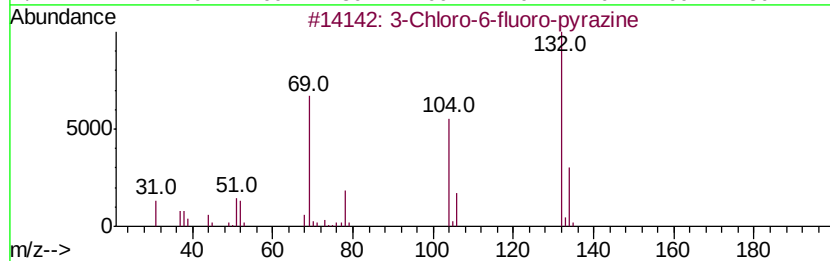
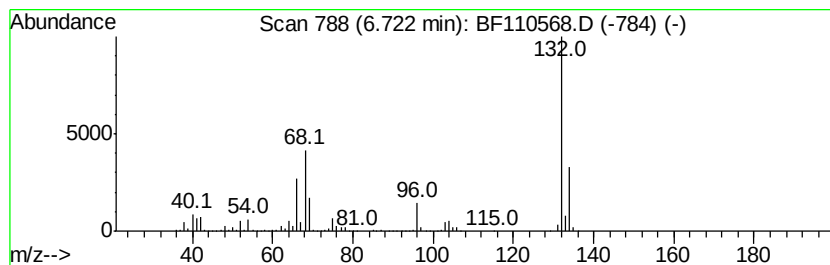
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	78.73 ng	1777500	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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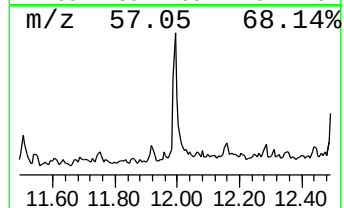
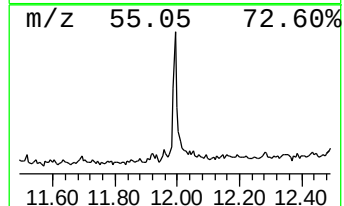
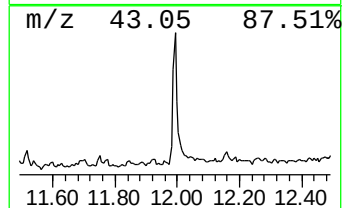
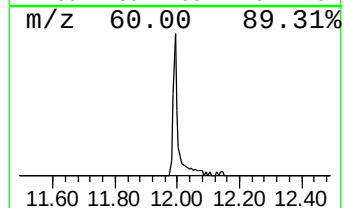
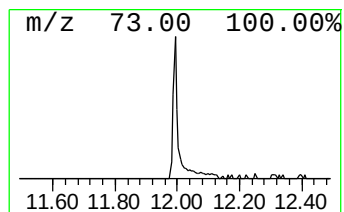
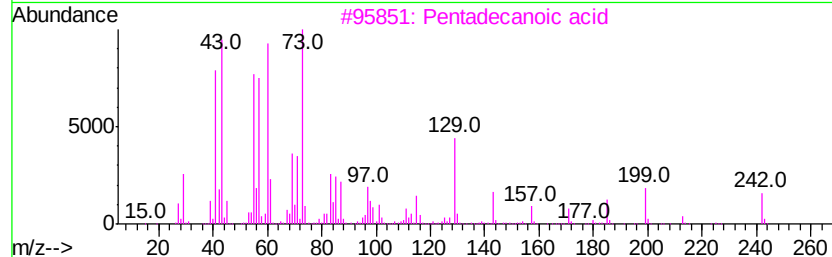
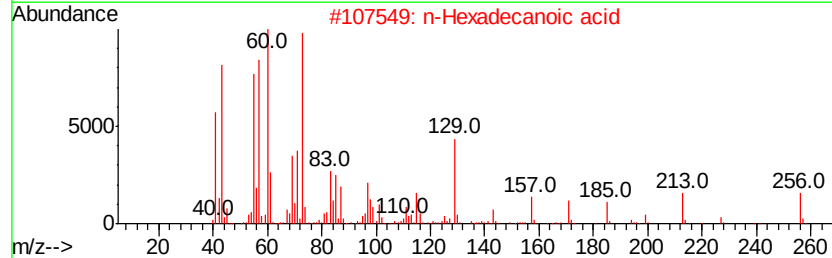
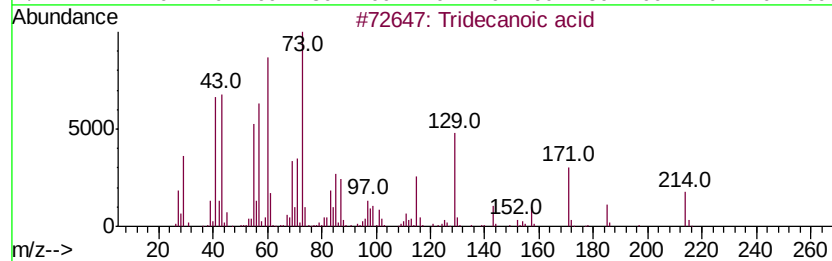
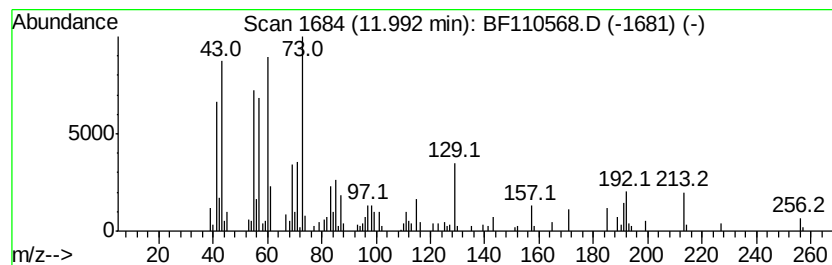
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.99	5.93 ng	139470	Phenanthrene-d10		11.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53



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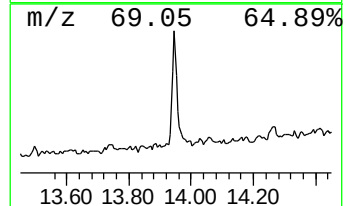
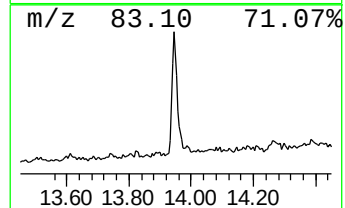
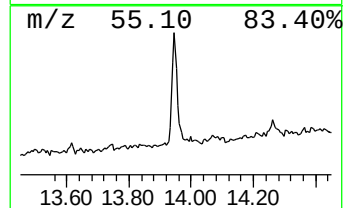
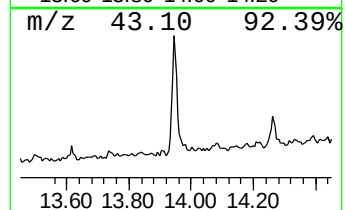
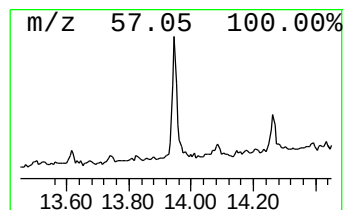
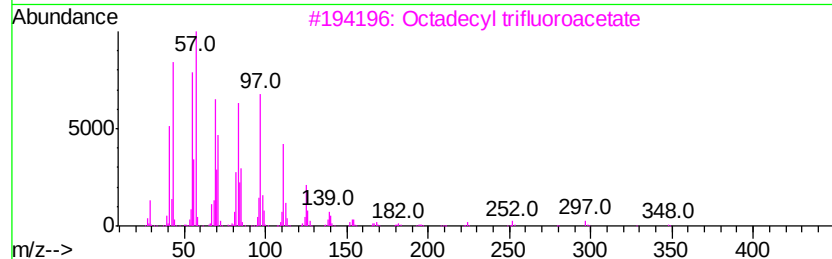
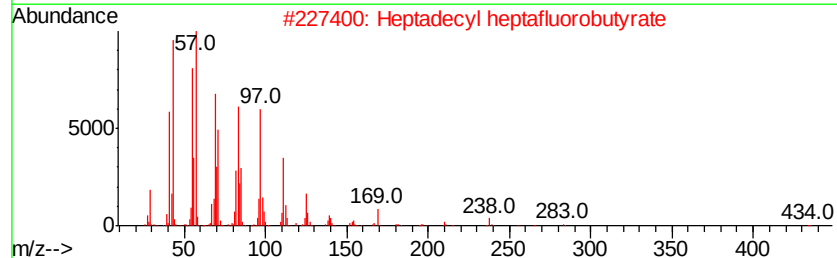
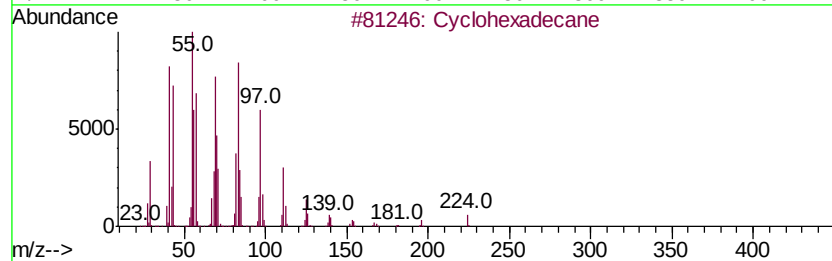
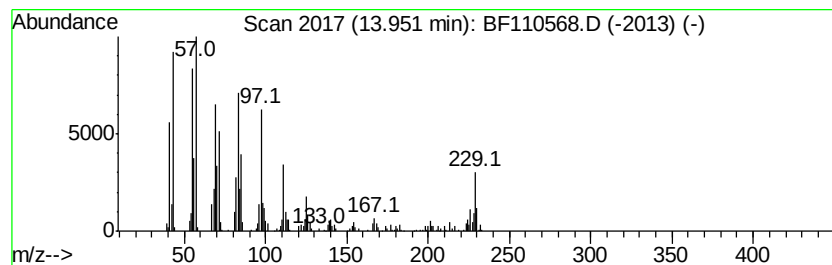
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.33 ng	231745	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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Acq On : 7 Nov 2018 21:01
Operator : JU/SJ
Sample : J5813-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

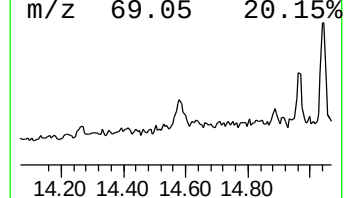
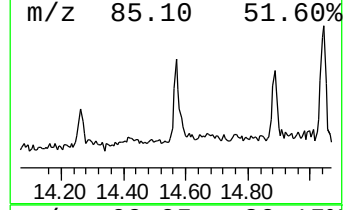
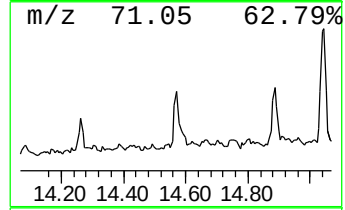
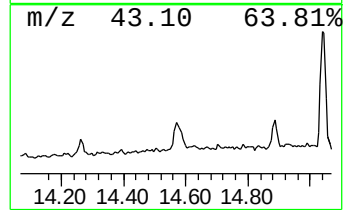
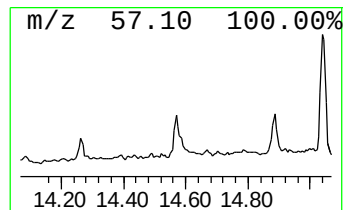
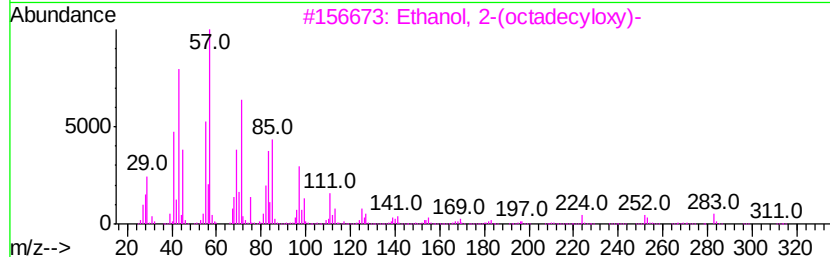
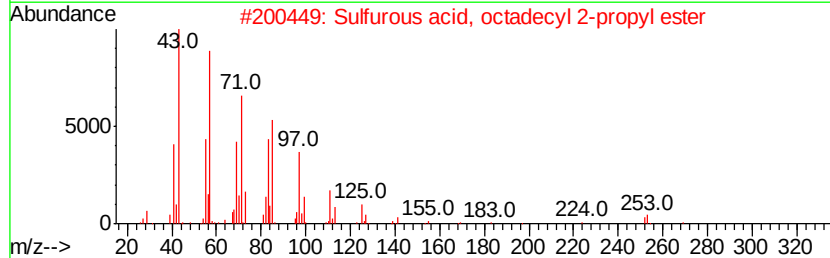
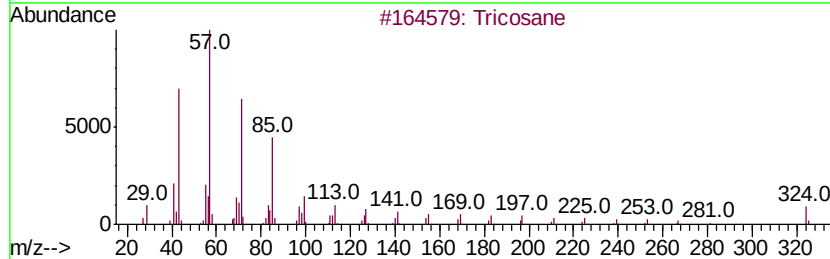
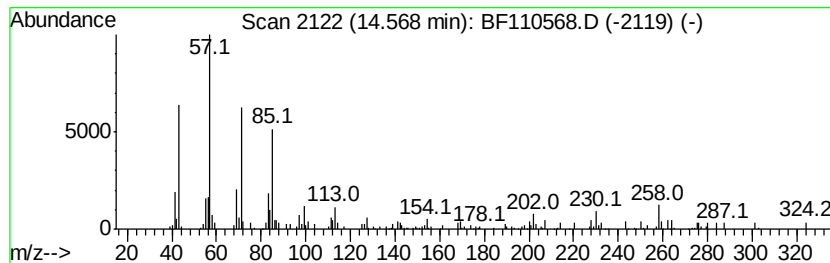
Instrument :
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ClientSampleId :
TS-I

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 7 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.57	4.08 ng	129094	Chrysene-d12	14.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	64
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	55
3	Ethanol, 2-(octadecyloxv)-	314	C20H42O2	002136-72-3	46
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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 Acq On : 7 Nov 2018 21:01
 Operator : JU/SJ
 Sample : J5813-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-I

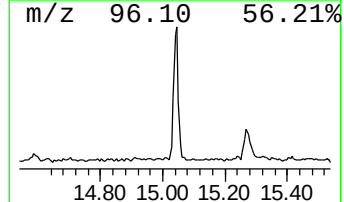
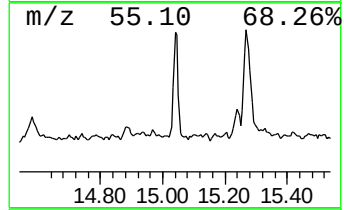
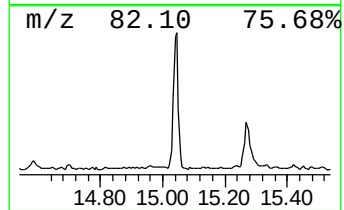
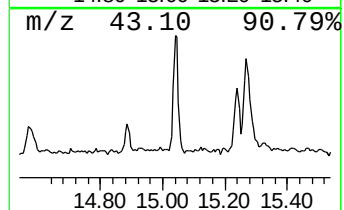
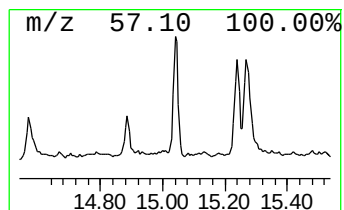
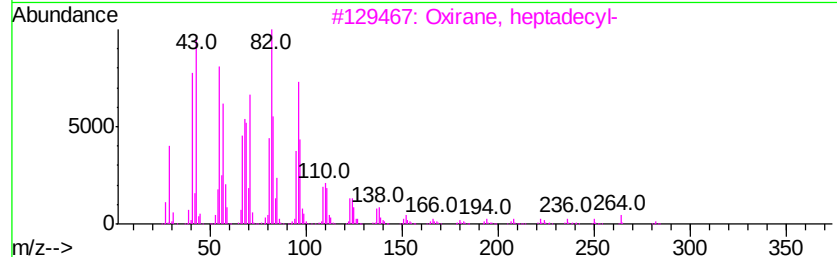
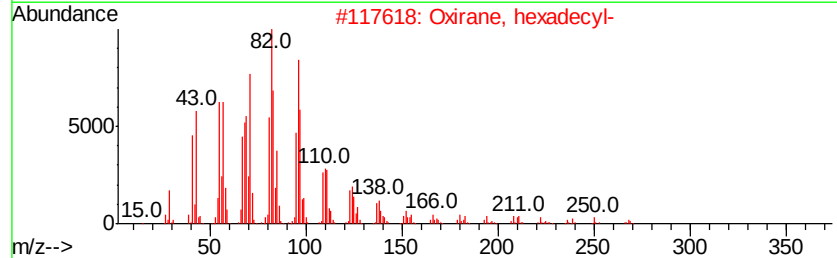
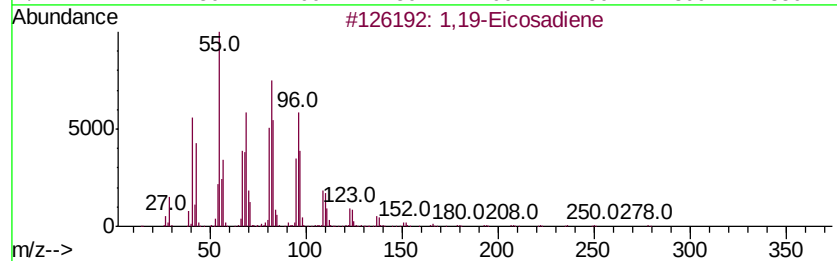
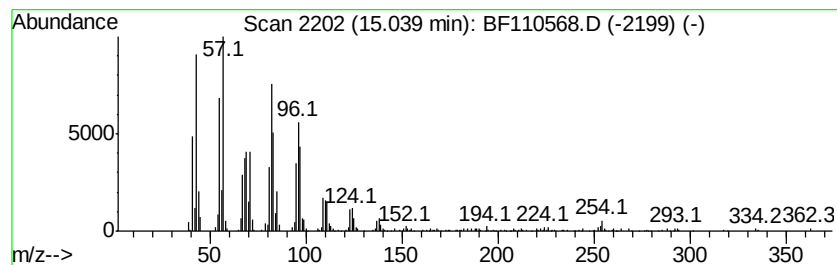
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	29.99 ng	396007	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene		278	C20H38	014811-95-1	95
2	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	94
3	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	91
4	Octadecanal		268	C18H36O	000638-66-4	91
5	Tetradecanal		212	C14H28O	000124-25-4	90



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-I

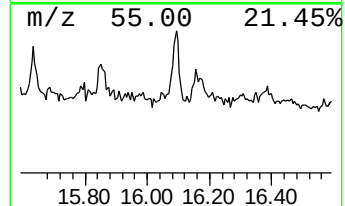
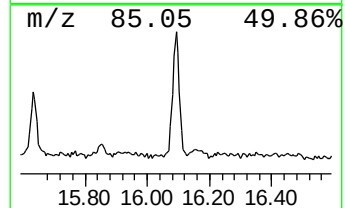
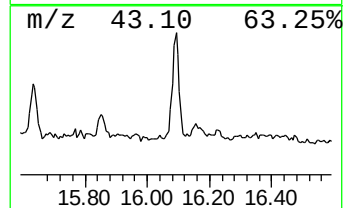
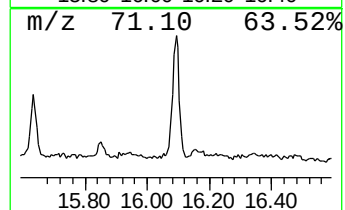
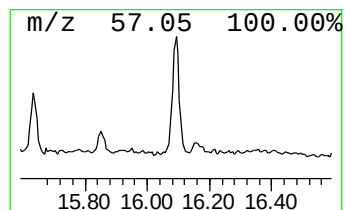
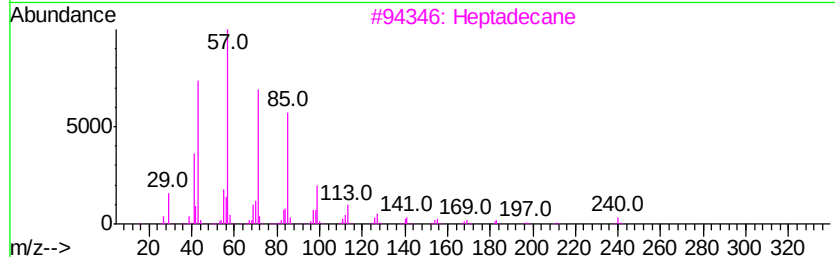
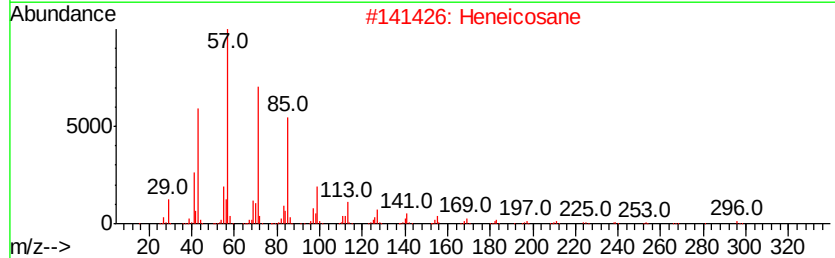
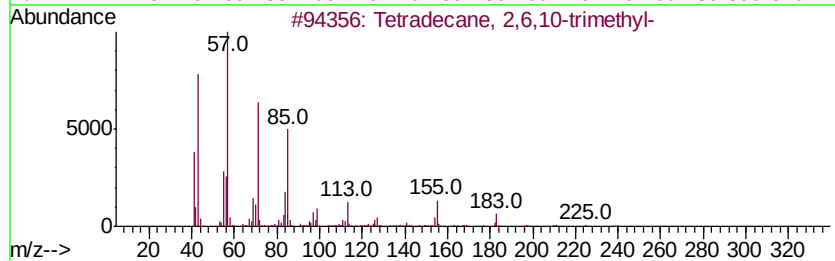
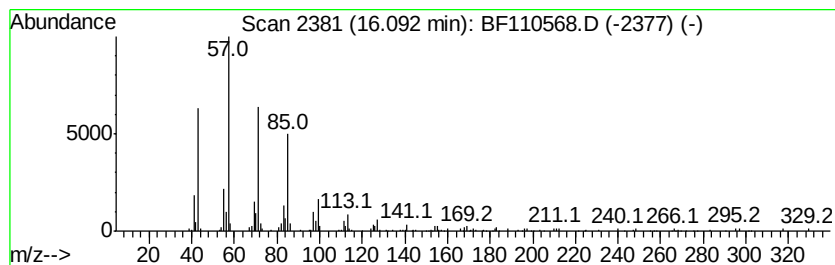
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	16.02 ng	211502	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		Pentacosane	352	C25H52	000629-99-2	87
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110718\
Data File : BF110568.D
Acq On : 7 Nov 2018 21:01
Operator : JU/SJ
Sample : J5813-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-I

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...	2.26	18.2	ng	410534	1	6.95	451570	20.0
2-Pentanone, 4-hy...	5.19	3.3	ng	75041	1	6.95	451570	20.0
unknown6.72	6.72	78.7	ng	1777500	1	6.95	451570	20.0
Tridecanoic acid	11.99	5.9	ng	139470	4	11.49	470587	20.0
Cyclohexadecane	13.95	7.3	ng	231745	5	14.14	632063	20.0
Tricosane	14.57	4.1	ng	129094	5	14.14	632063	20.0
1,19-Eicosadiene	15.04	30.0	ng	396007	6	15.67	264103	20.0
Tetradecane, 2,6,...	16.09	16.0	ng	211502	6	15.67	264103	20.0