

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091117\
 Data File : BF098418.D
 Acq On : 11 Sep 2017 22:44
 Operator : SJ/JU
 Sample : I5138-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS001-02

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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	4.863	468	472	488	rVB	458607	745777	10.84%	1.372%
2	5.281	538	543	546	rBV	6040808	6469000	94.03%	11.904%
3	6.322	714	720	736	rBV	5689677	6879820	100.00%	12.660%
4	6.440	736	740	744	rBV	5938574	6344741	92.22%	11.675%
5	6.669	775	779	782	rBV	1719534	1552503	22.57%	2.857%
6	6.822	801	805	809	rBV	4618411	4454247	64.74%	8.196%
7	7.240	870	876	879	rBV	4192190	4234762	61.55%	7.792%
8	7.951	992	997	1000	rBV	2413529	2053762	29.85%	3.779%
9	9.028	1174	1180	1183	rBV	5744301	5221136	75.89%	9.607%
10	9.422	1243	1247	1250	rBV	1148845	874754	12.71%	1.610%
11	9.633	1281	1283	1287	rVB	111667	92083	1.34%	0.169%
12	9.698	1290	1294	1298	rVB2	2454244	2116830	30.77%	3.895%
13	10.133	1365	1368	1371	rVB	165189	131520	1.91%	0.242%
14	10.492	1422	1429	1432	rBV	3333295	3304614	48.03%	6.081%
15	10.604	1445	1448	1455	rBV	198881	203824	2.96%	0.375%
16	11.051	1521	1524	1526	rBV	110294	92550	1.35%	0.170%
17	11.180	1542	1546	1548	rBV	2370541	1988855	28.91%	3.660%
18	11.204	1548	1550	1553	rVV	229743	187978	2.73%	0.346%
19	11.251	1553	1558	1562	rVB3	67541	102905	1.50%	0.189%
20	12.263	1726	1730	1732	rBV2	72933	84206	1.22%	0.155%
21	12.386	1746	1751	1756	rBV	310693	290243	4.22%	0.534%
22	12.616	1784	1790	1793	rBV	227650	246697	3.59%	0.454%
23	12.763	1809	1815	1818	rBV	3891930	3479645	50.58%	6.403%
24	13.663	1964	1968	1975	rBV	259266	325681	4.73%	0.599%
25	13.810	1988	1993	1996	rBV	1306980	1245551	18.10%	2.292%
26	14.292	2071	2075	2081	rVB4	50467	87157	1.27%	0.160%
27	14.563	2118	2121	2126	rBV3	59665	97616	1.42%	0.180%
28	14.815	2161	2164	2172	rBV	75273	124724	1.81%	0.230%
29	14.886	2173	2176	2179	rBV	77360	70882	1.03%	0.130%
30	15.151	2218	2221	2226	rBV	58837	70911	1.03%	0.130%
31	15.210	2227	2231	2239	rVB	925014	1056492	15.36%	1.944%
32	15.627	2298	2302	2306	rBV	83209	113409	1.65%	0.209%

LSC Area Percent Report

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Sample : I5138-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS001-02

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

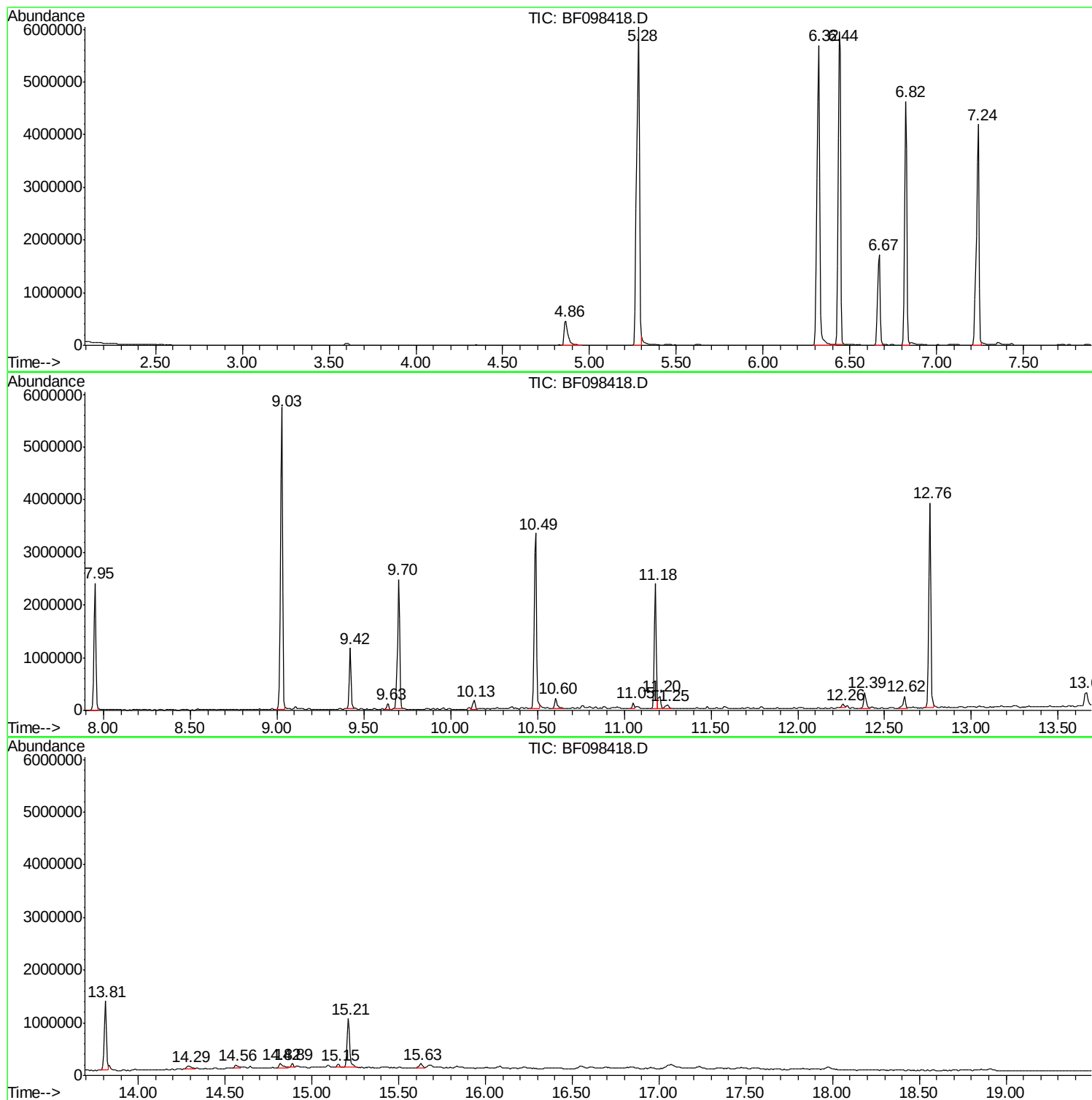
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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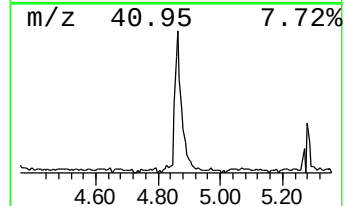
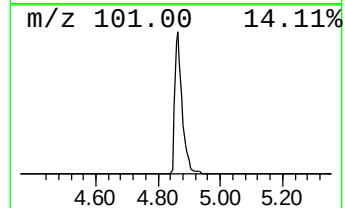
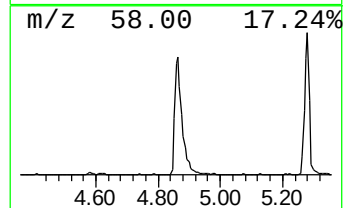
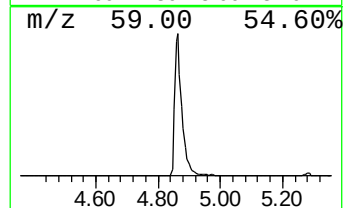
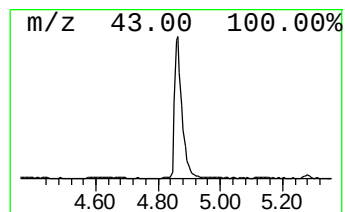
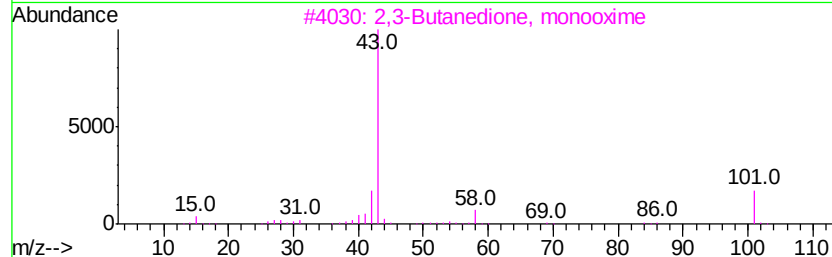
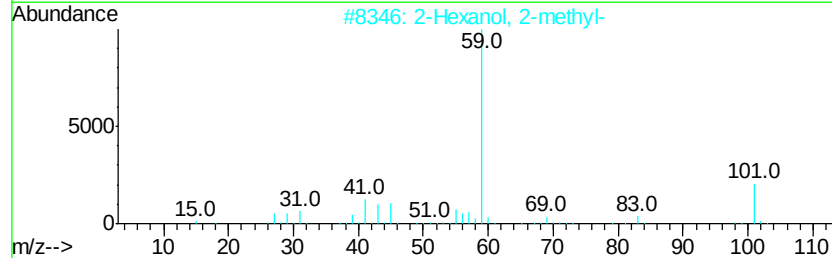
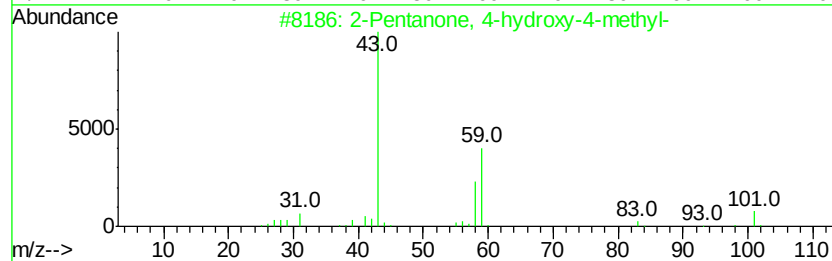
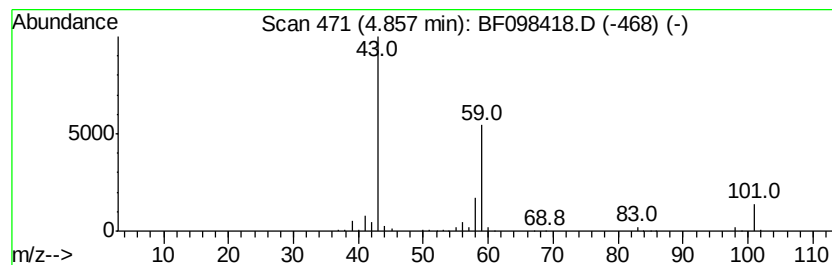
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	9.61 ng	745777	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9



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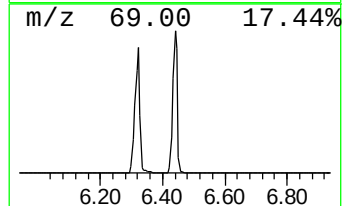
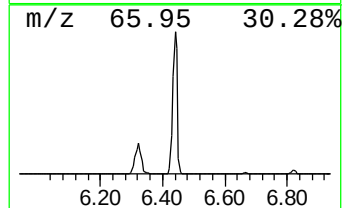
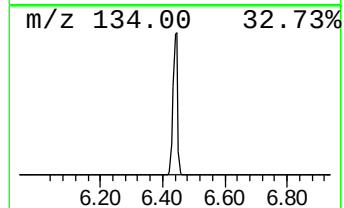
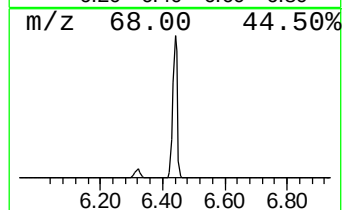
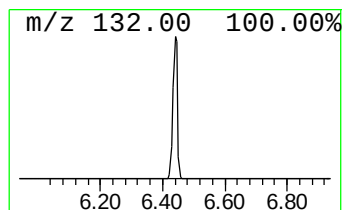
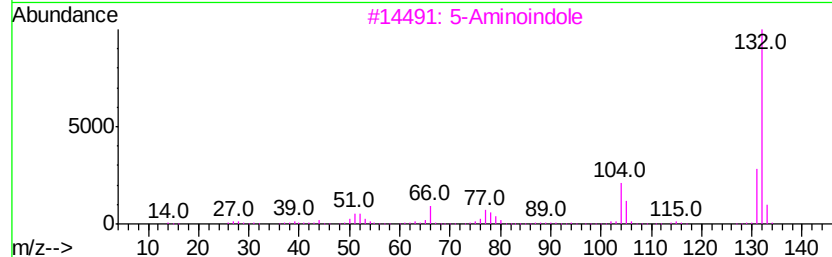
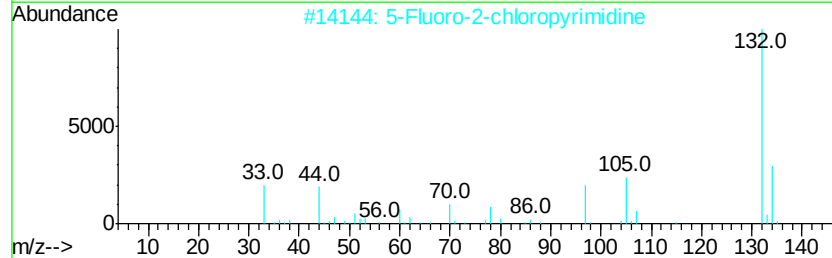
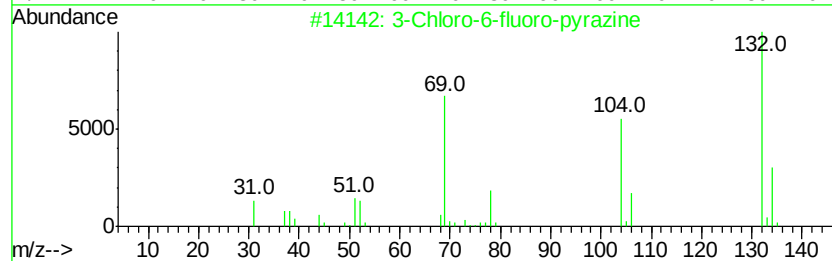
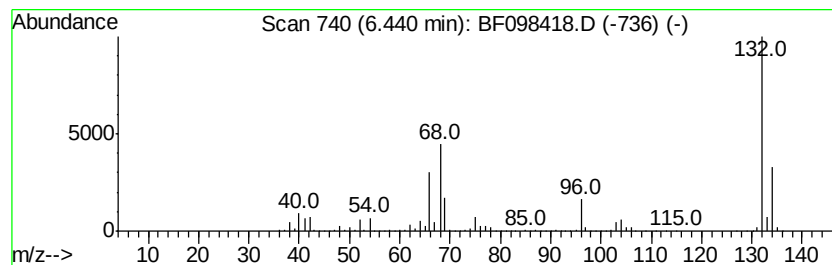
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	81.74 ng	6344740	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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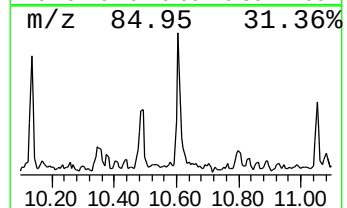
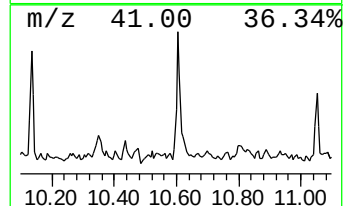
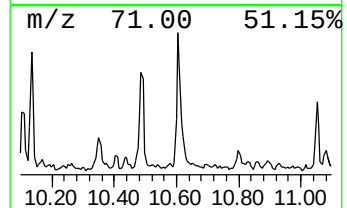
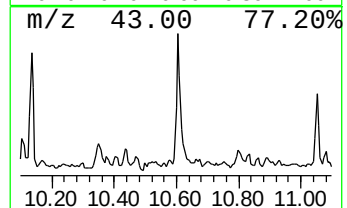
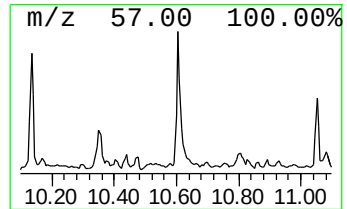
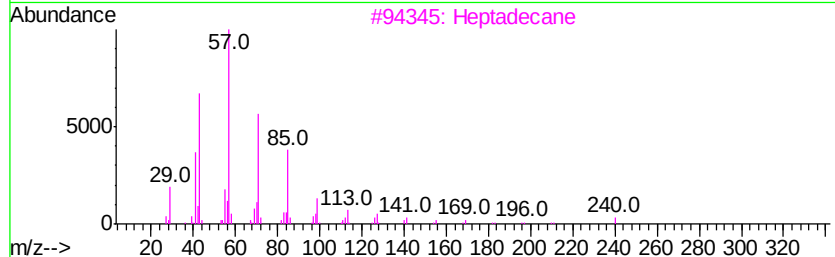
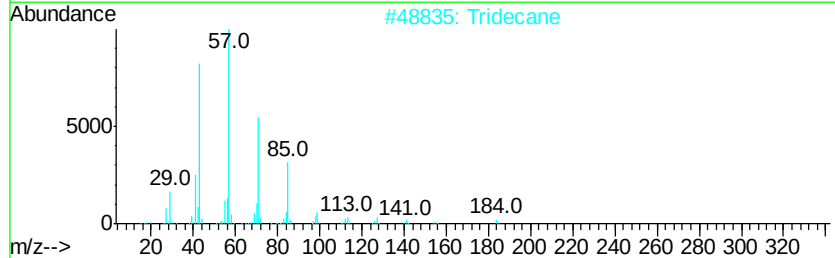
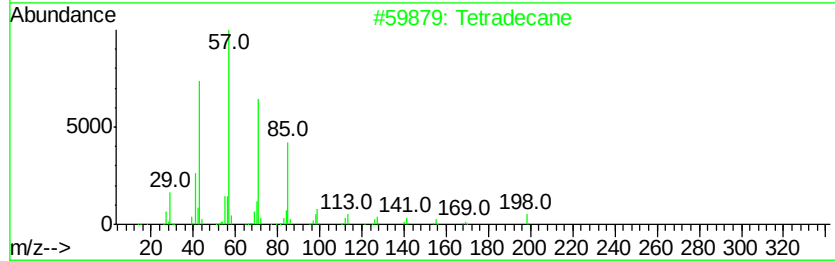
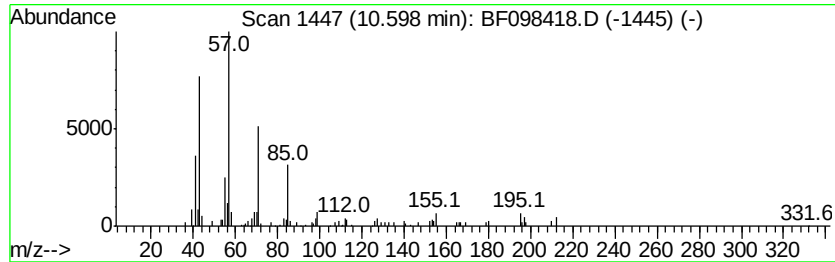
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.05 ng	203824	Phenanthrene-d10	11.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Pentadecane	212	C15H32	000629-62-9	90



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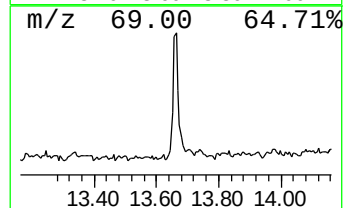
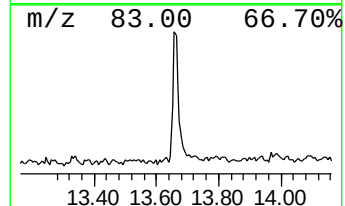
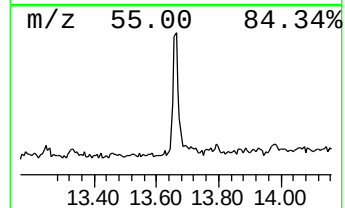
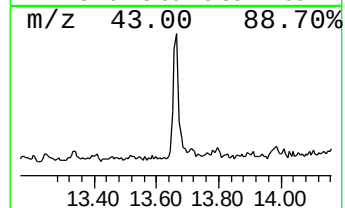
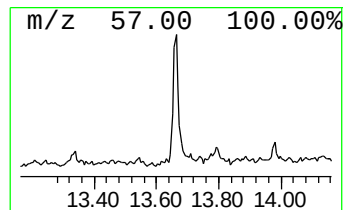
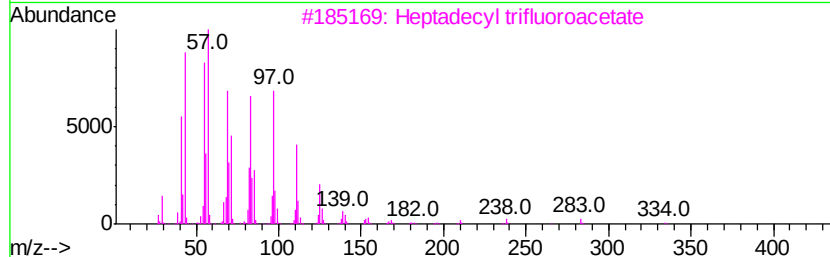
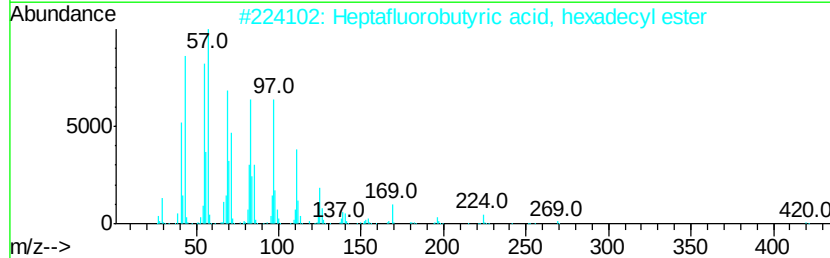
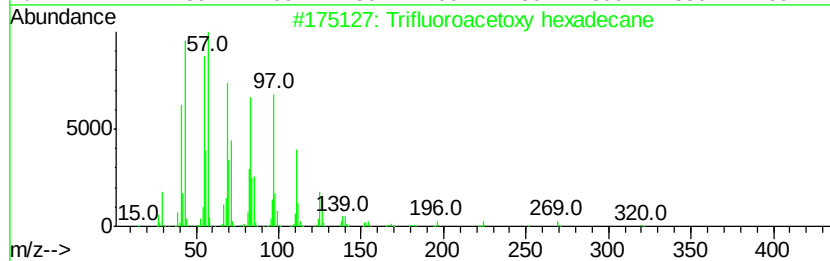
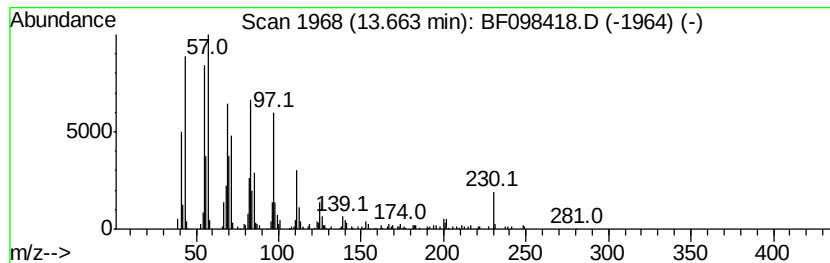
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.66	5.23 ng	325681	Chrysene-d12	13.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93



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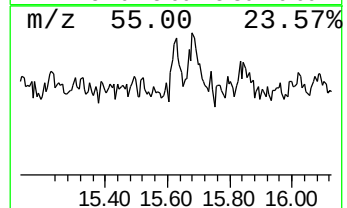
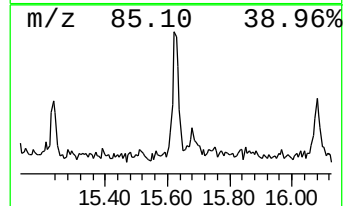
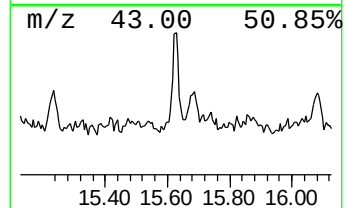
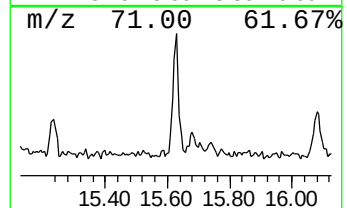
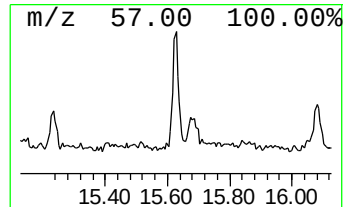
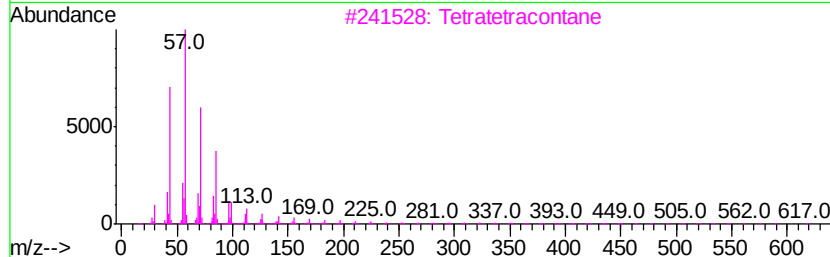
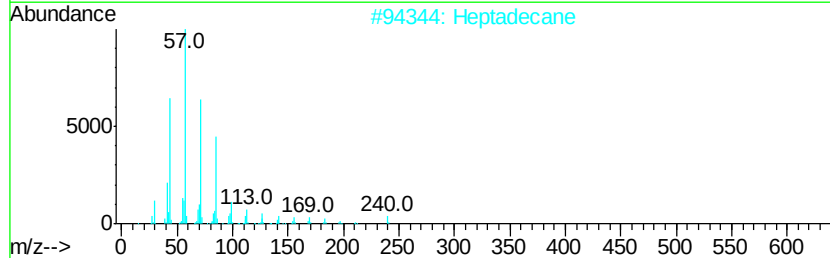
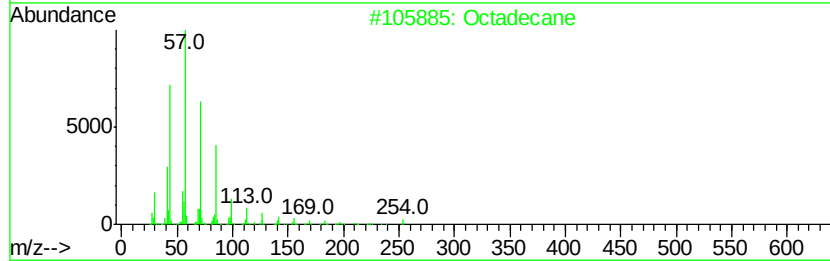
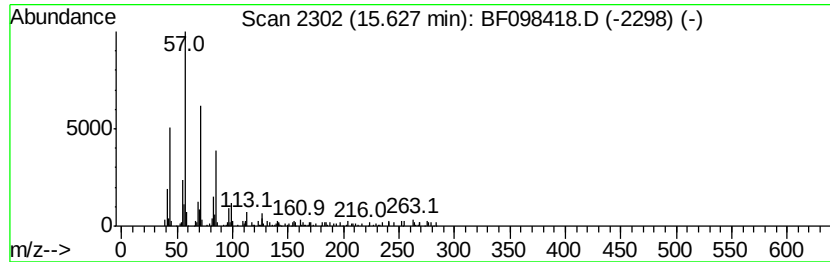
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Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.15 ng	113409	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Heptadecane	240	C17H36	000629-78-7	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Octacosane	394	C28H58	000630-02-4	87



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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...	4.86	9.6	ng	745777	1	6.67	1552500	20.0
unknown6.44	6.44	81.7	ng	6344740	1	6.67	1552500	20.0
Tetradecane	10.60	2.0	ng	203824	4	11.18	1988860	20.0
Trifluoroacetoxy ...	13.66	5.2	ng	325681	5	13.81	1245550	20.0
Octadecane	15.63	2.1	ng	113409	6	15.21	1056490	20.0