

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF031618\
 Data File : BF103708.D
 Acq On : 16 Mar 2018 20:40
 Operator : JU/SJ
 Sample : J1929-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-PIT-3

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-BF031518.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	2.322	34	40	46	rVB	138073	181809	5.01%	0.567%
2	5.216	525	532	538	rBV	88526	110521	3.05%	0.345%
3	5.592	591	596	599	rBV	3519921	3479981	95.94%	10.862%
4	6.586	759	765	768	rBV	3207216	3452306	95.17%	10.776%
5	6.739	786	791	794	rBV	3546985	3520942	97.06%	10.990%
6	6.969	826	830	833	rBV	1360895	1043486	28.77%	3.257%
7	7.128	852	857	860	rVB	3083907	2760258	76.09%	8.616%
8	7.528	920	925	928	rBV	2192725	2208047	60.87%	6.892%
9	8.251	1044	1048	1051	rBV	1746173	1382366	38.11%	4.315%
10	9.327	1226	1231	1234	rBV	3824716	3627415	100.00%	11.322%
11	9.716	1293	1297	1299	rBV	450293	389847	10.75%	1.217%
12	9.927	1329	1333	1335	rBV	108038	95289	2.63%	0.297%
13	10.010	1343	1347	1350	rBV	1784952	1438505	39.66%	4.490%
14	10.427	1415	1418	1420	rVB	138554	108417	2.99%	0.338%
15	10.645	1450	1455	1458	rBV	39846	46063	1.27%	0.144%
16	10.798	1477	1481	1484	rBV	2065703	1830269	50.46%	5.713%
17	10.898	1495	1498	1504	rBV	123584	127068	3.50%	0.397%
18	11.351	1571	1575	1577	rBV	72099	59274	1.63%	0.185%
19	11.498	1596	1600	1603	rBV	1463541	1221651	33.68%	3.813%
20	11.521	1603	1604	1609	rVB	97193	61771	1.70%	0.193%
21	12.004	1683	1686	1692	rBV2	49103	63505	1.75%	0.198%
22	12.715	1803	1807	1811	rBV	103325	91250	2.52%	0.285%
23	12.945	1844	1846	1849	rVB	72038	52112	1.44%	0.163%
24	13.086	1866	1870	1873	rBV	2736740	2414612	66.57%	7.537%
25	13.610	1955	1959	1962	rBV3	26035	41102	1.13%	0.128%
26	13.968	2017	2020	2025	rBV3	126095	116885	3.22%	0.365%
27	14.145	2046	2050	2053	rBV	979387	950982	26.22%	2.968%
28	14.174	2053	2055	2058	rVB	56300	46563	1.28%	0.145%
29	15.009	2194	2197	2201	rBV	42091	50045	1.38%	0.156%
30	15.221	2230	2233	2237	rBV	55575	84838	2.34%	0.265%
31	15.609	2296	2299	2304	rVB	41146	52812	1.46%	0.165%
32	15.680	2306	2311	2324	rVB	675738	928171	25.59%	2.897%

LSC Area Percent Report

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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

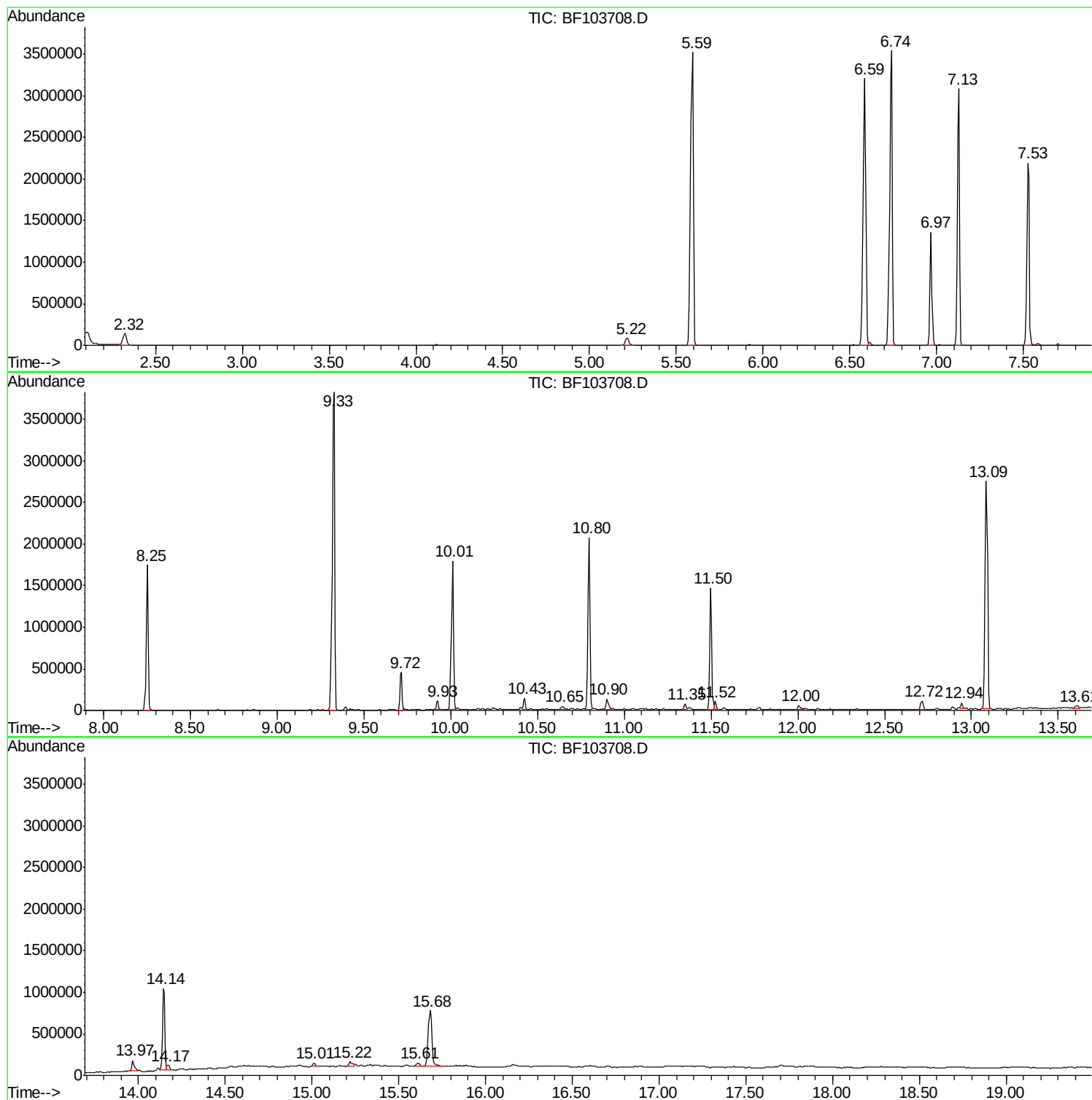
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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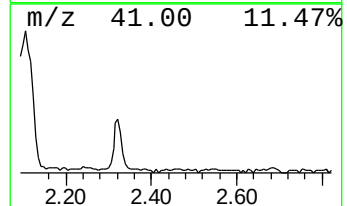
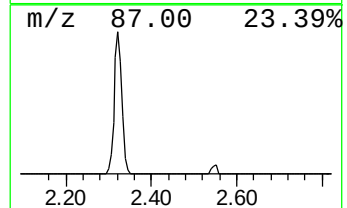
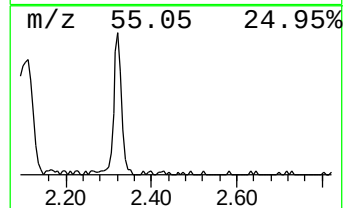
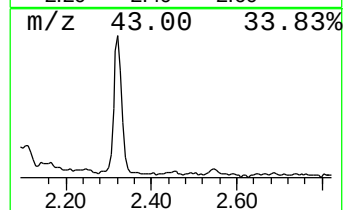
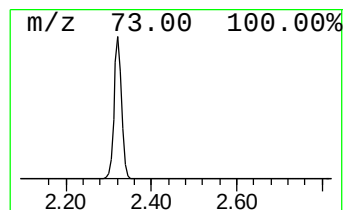
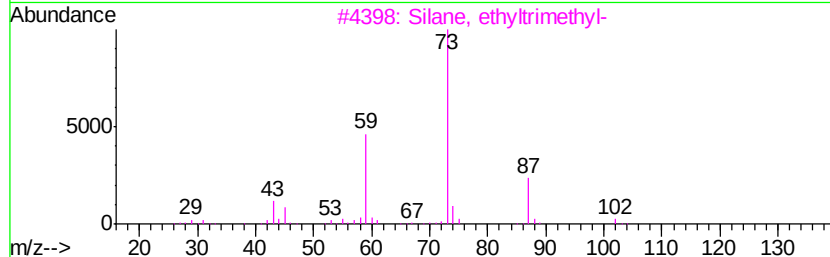
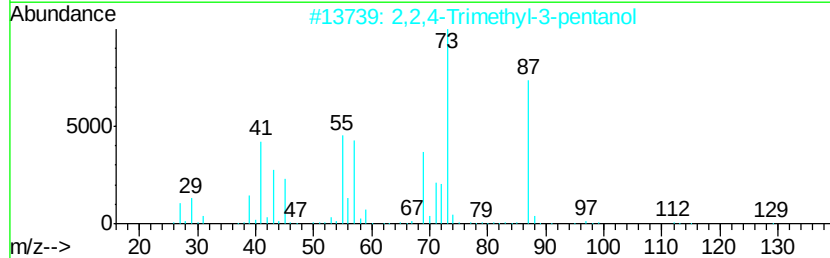
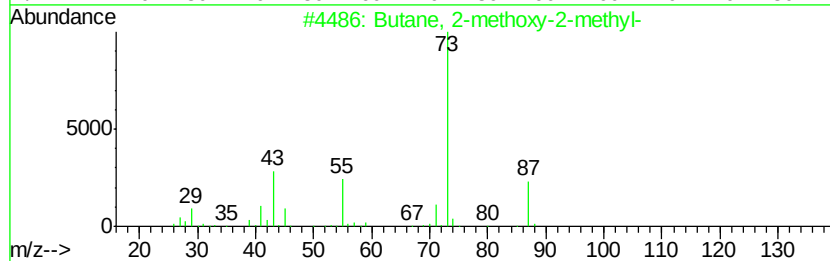
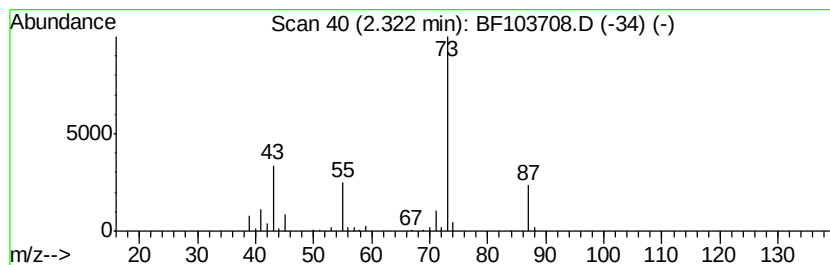
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	3.48 ng	181809	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4			1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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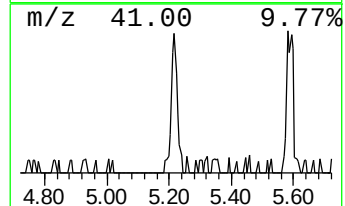
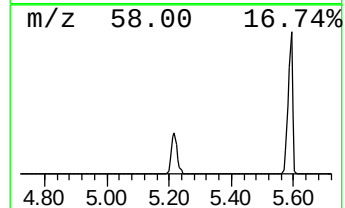
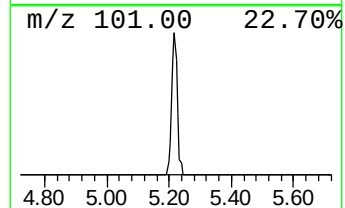
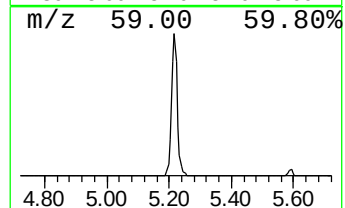
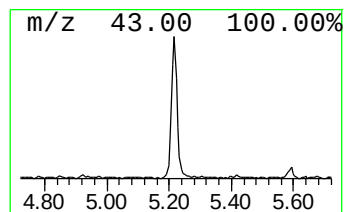
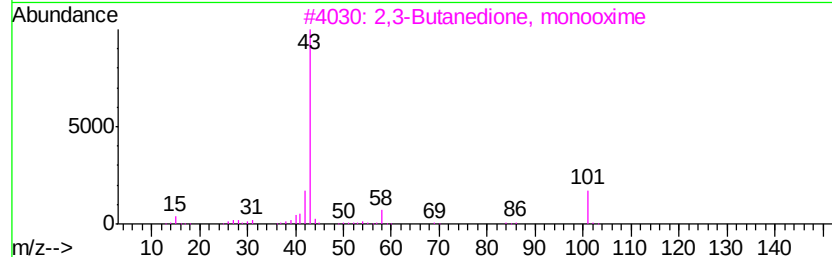
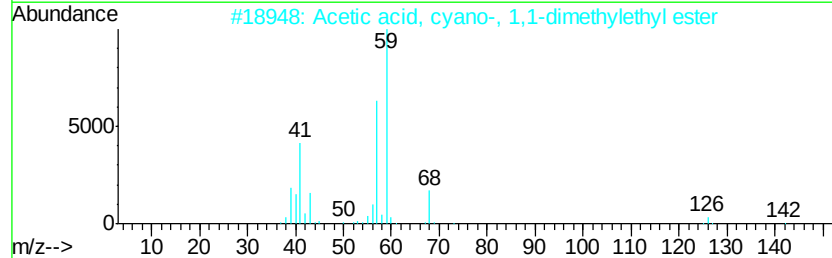
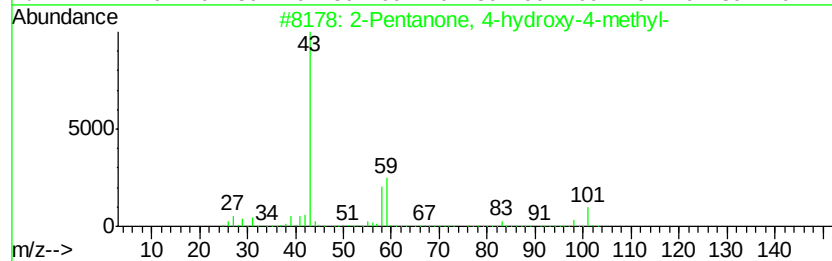
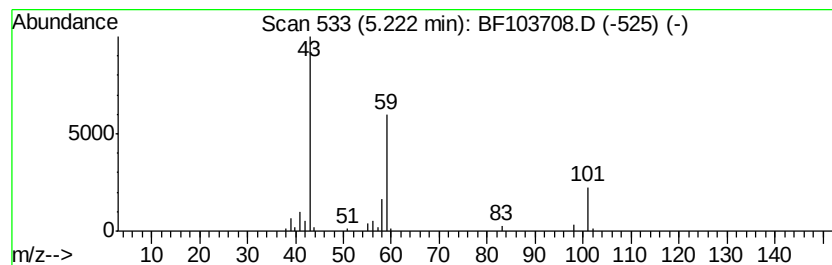
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	2.12 ng	110521	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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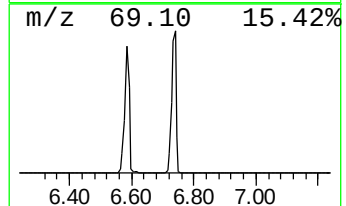
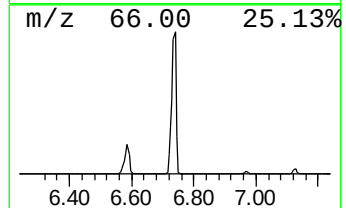
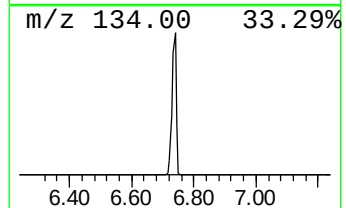
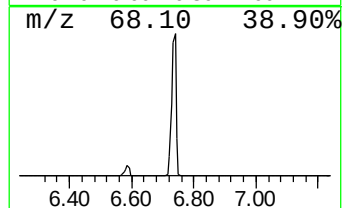
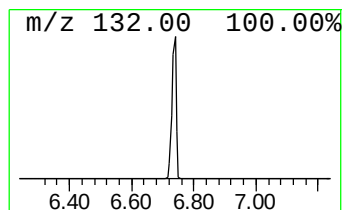
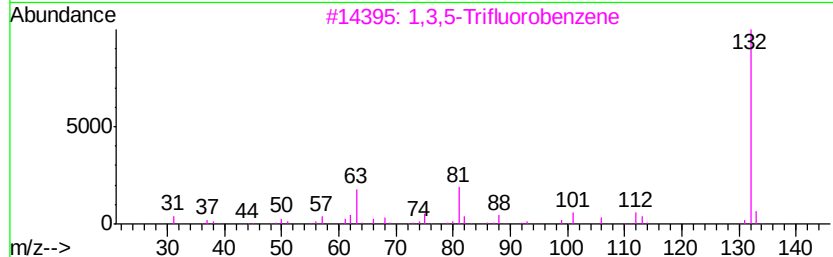
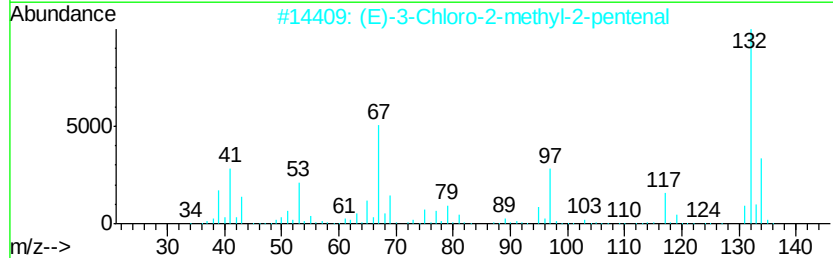
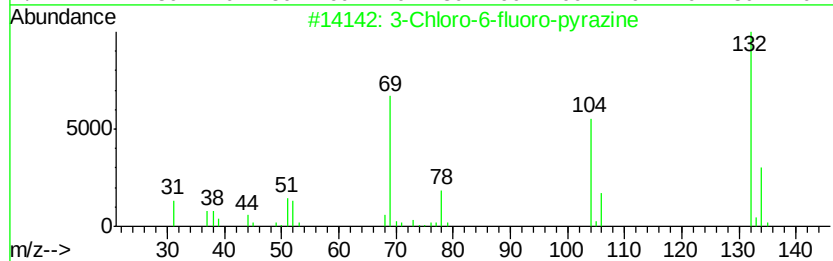
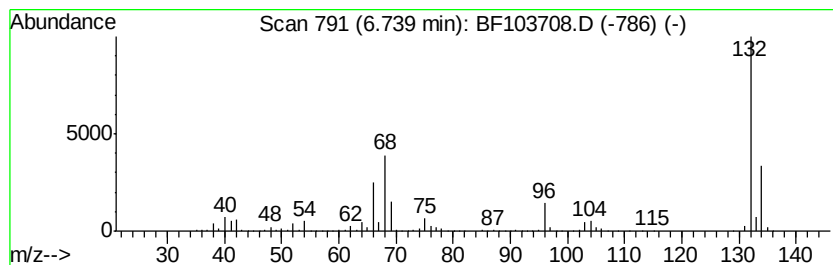
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	67.48 ng	3520940	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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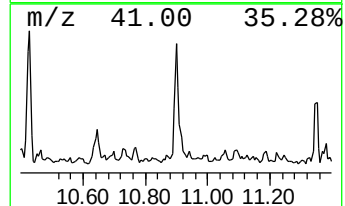
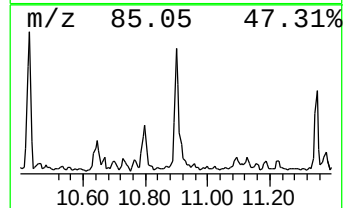
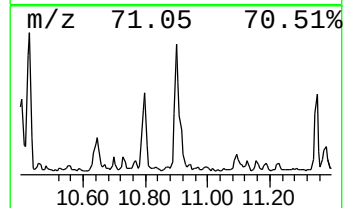
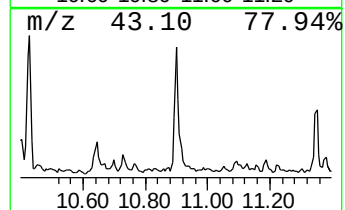
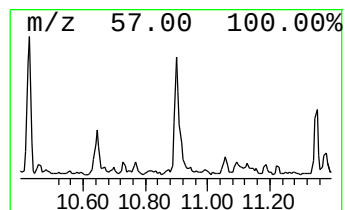
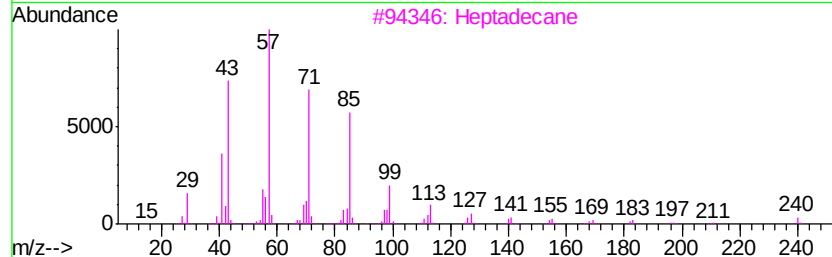
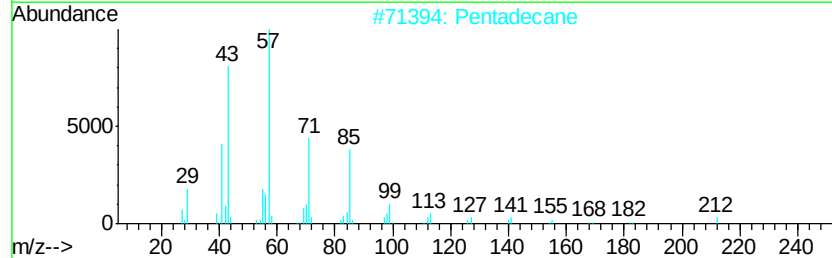
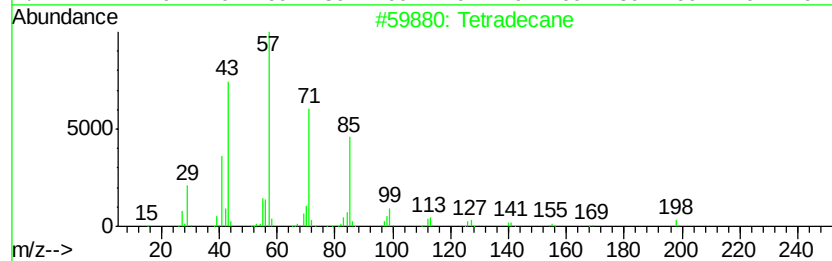
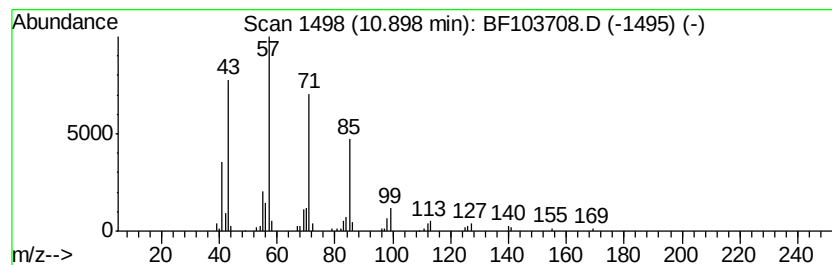
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.08 ng	127068	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Pentadecane	212	C15H32	000629-62-9	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Heneicosane	296	C21H44	000629-94-7	86
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80



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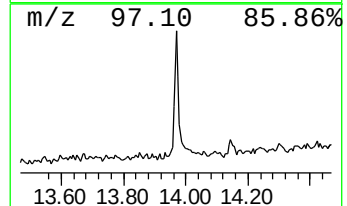
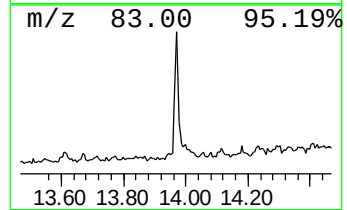
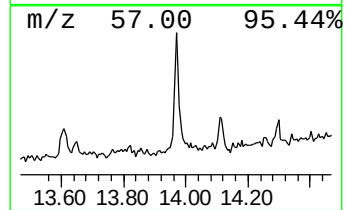
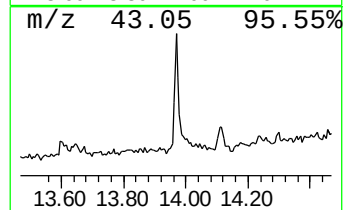
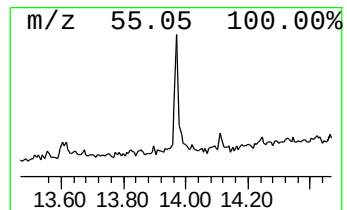
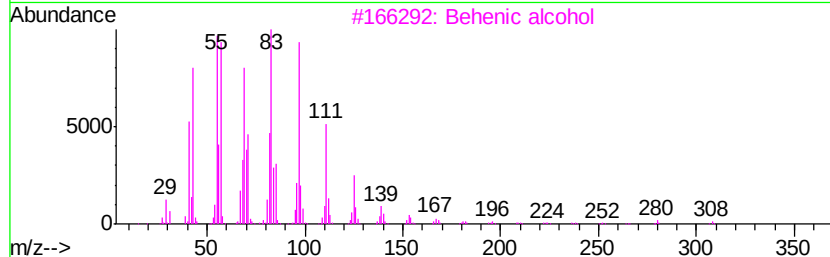
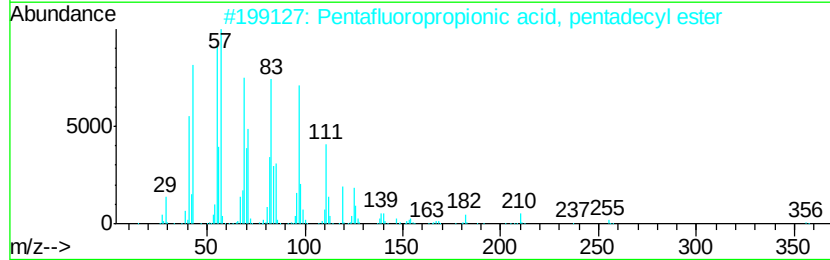
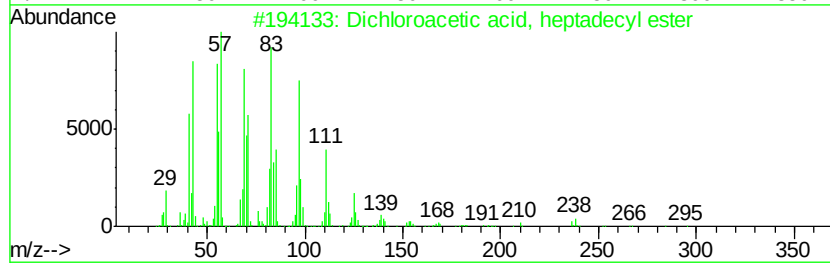
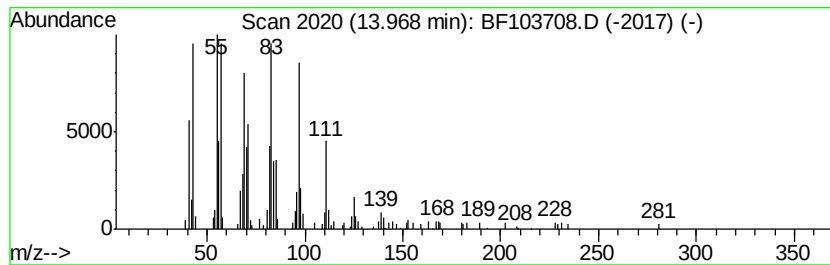
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.46 ng	116885	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94



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LS-PIT-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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...	2.32	3.5	ng	181809	1	6.97	1043490	20.0
2-Pentanone, 4-hy...	5.22	2.1	ng	110521	1	6.97	1043490	20.0
unknown6.74	6.74	67.5	ng	3520940	1	6.97	1043490	20.0
Tetradecane	10.90	2.1	ng	127068	4	11.50	1221650	20.0
Dichloroacetic ac...	13.97	2.5	ng	116885	5	14.14	950982	20.0