

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092461.D
 Acq On : 25 Jan 2017 6:04
 Operator : UM/SJ
 Sample : I1413-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-STONEDUST-BF

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-BF012417.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	4.819	238	239	244	rBV	35325	48698	1.04%	0.116%
2	5.162	266	269	276	rVB	1451175	1998069	42.51%	4.768%
3	5.562	301	304	307	rBV	3212749	4597971	97.84%	10.972%
4	6.590	391	394	397	rBV	3864391	4699694	100.00%	11.215%
5	6.739	404	407	409	rBV	3260134	4568673	97.21%	10.902%
6	6.967	425	427	429	rBV	1218895	997916	21.23%	2.381%
7	7.127	438	441	443	rBV	3697292	3512666	74.74%	8.382%
8	7.527	473	476	479	rBV	2006756	3019735	64.25%	7.206%
9	8.259	537	540	542	rBV	1500975	1311531	27.91%	3.130%
10	9.345	632	635	638	rBV	4475417	4413398	93.91%	10.532%
11	9.733	667	669	671	rBV	419252	459625	9.78%	1.097%
12	9.962	685	689	690	rBV	53659	59431	1.26%	0.142%
13	10.031	692	695	697	rVB	1005658	1376427	29.29%	3.285%
14	10.465	729	733	734	rBV	107193	139863	2.98%	0.334%
15	10.682	749	752	753	rBV	51630	61312	1.30%	0.146%
16	10.819	761	764	766	rBV	2096870	2565990	54.60%	6.123%
17	10.934	772	774	779	rVB	192642	208281	4.43%	0.497%
18	11.379	811	813	815	rBV	118207	127191	2.71%	0.304%
19	11.516	822	825	827	rBV	1171265	1289302	27.43%	3.077%
20	11.814	848	851	853	rBV	88809	77304	1.64%	0.184%
21	12.042	869	871	878	rBV	129556	155855	3.32%	0.372%
22	12.922	946	948	950	rBV	94370	81767	1.74%	0.195%
23	13.105	961	964	966	rBV	3456336	3723782	79.23%	8.886%
24	13.631	1008	1010	1011	rBV	59393	52776	1.12%	0.126%
25	13.997	1039	1042	1048	rBV	283025	364924	7.76%	0.871%
26	14.145	1053	1055	1058	rVV	943519	897895	19.11%	2.143%
27	15.620	1181	1184	1187	rBV	626828	878614	18.70%	2.097%
28	15.677	1187	1189	1193	rVB	37899	61174	1.30%	0.146%
29	16.168	1230	1232	1238	rVB4	40275	79941	1.70%	0.191%
30	16.637	1271	1273	1279	rVB2	33039	75813	1.61%	0.181%

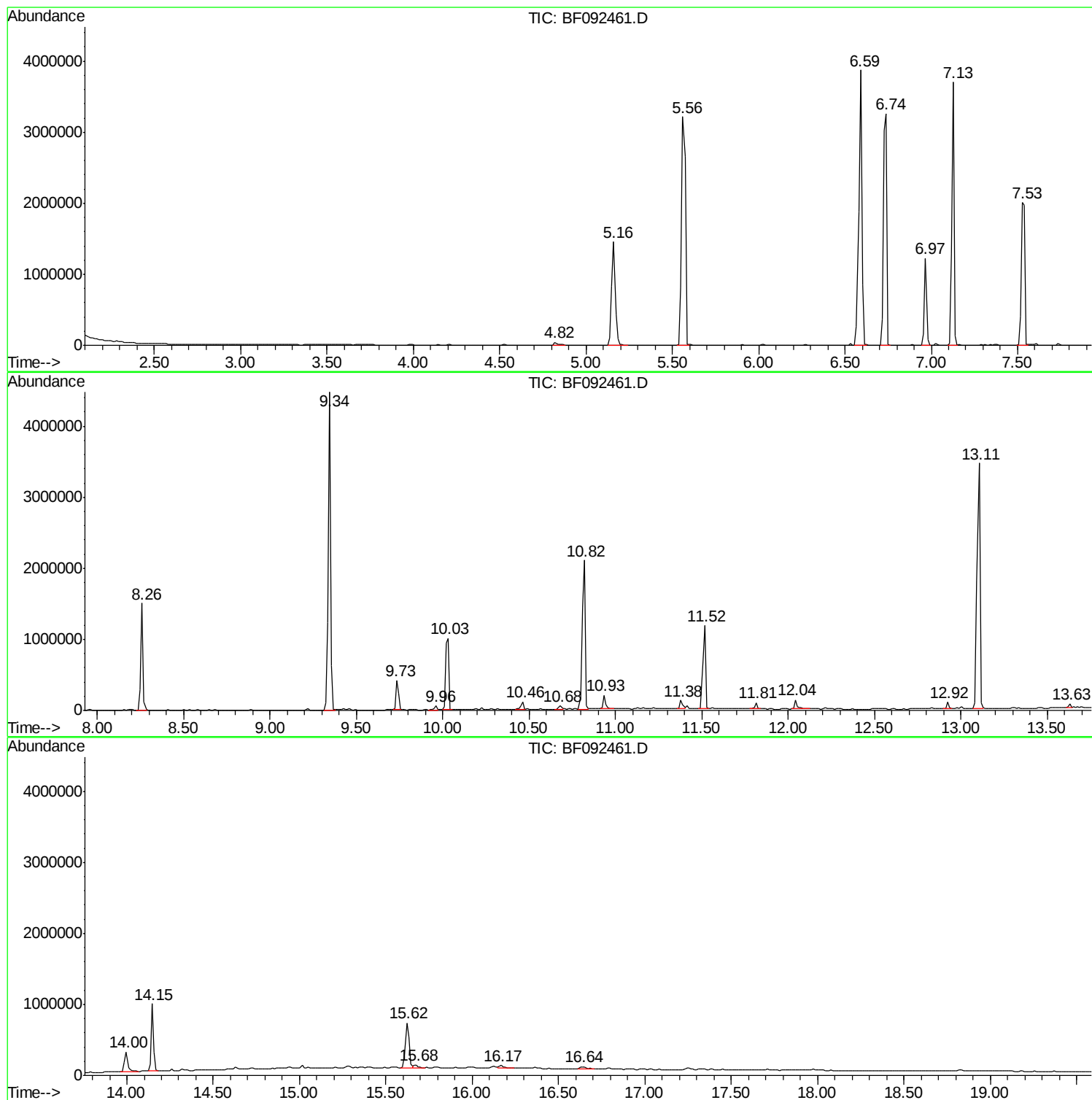
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ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId :
TILCON-STONEDUST-BF

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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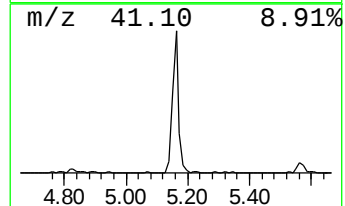
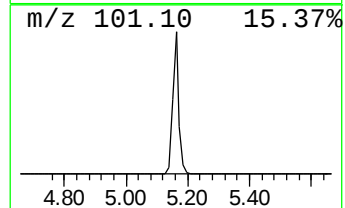
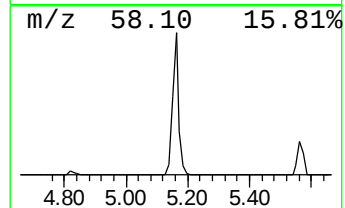
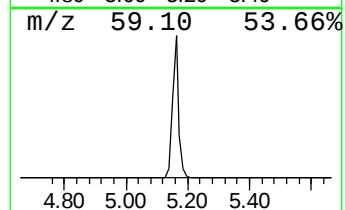
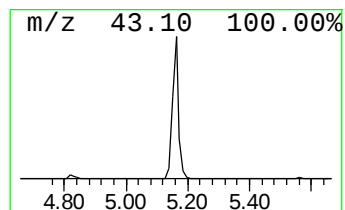
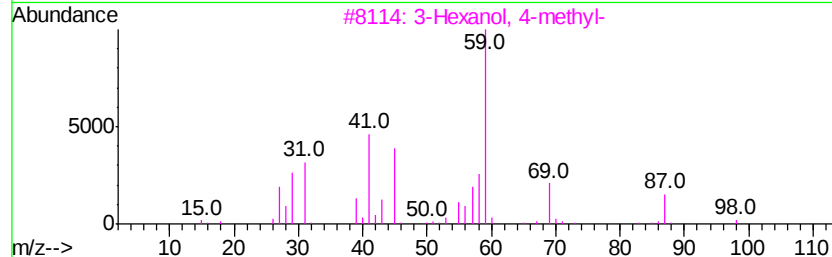
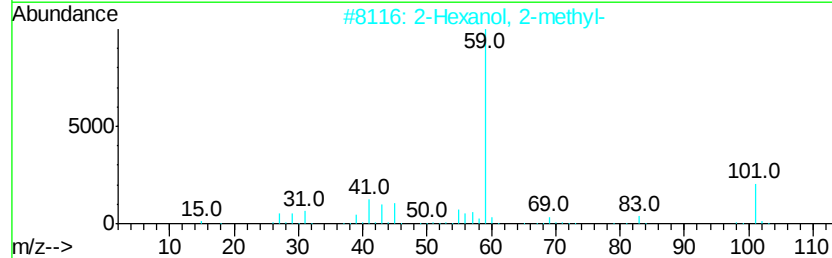
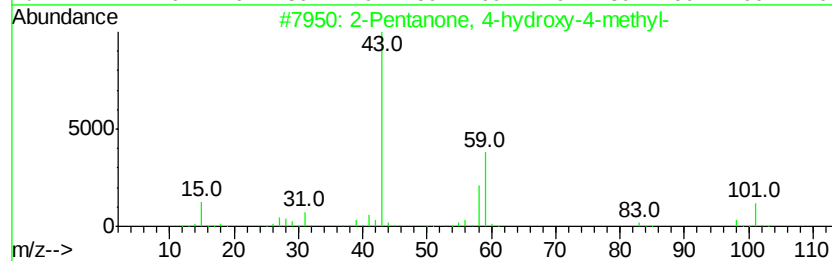
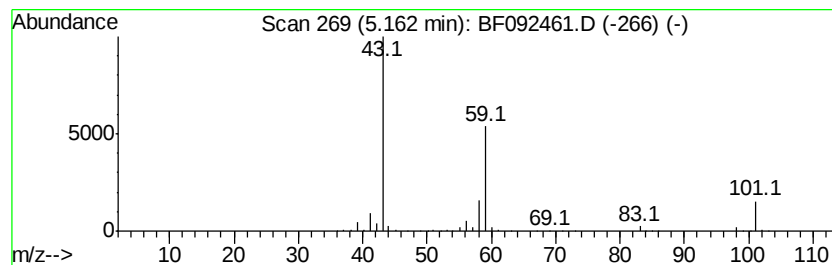
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
5.16	40.04 ng	1998070	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	59
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	32
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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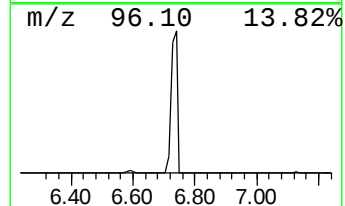
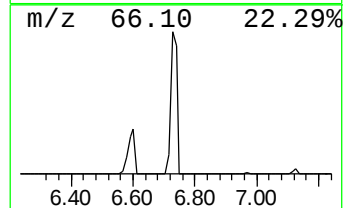
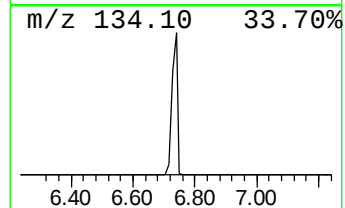
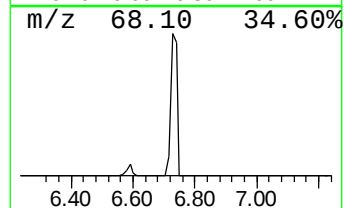
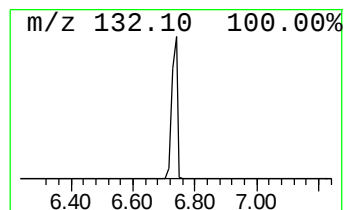
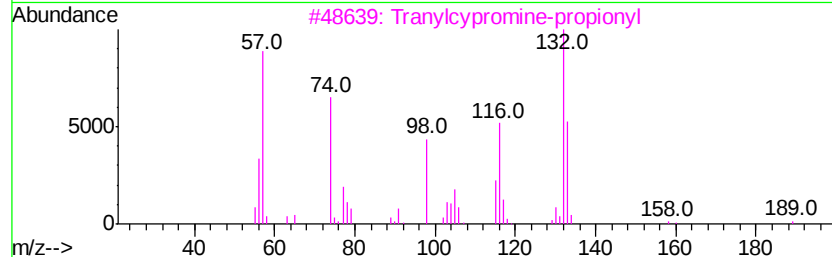
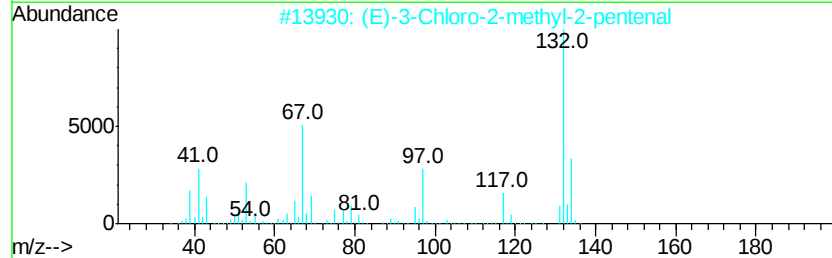
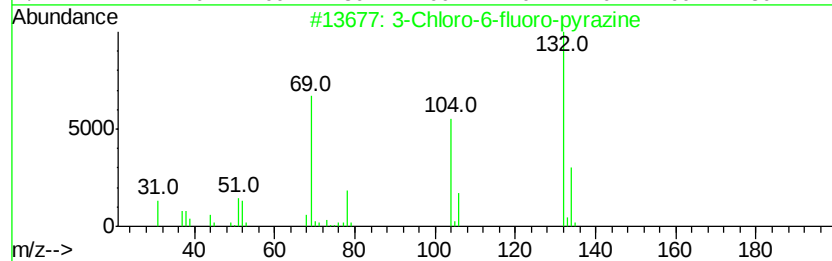
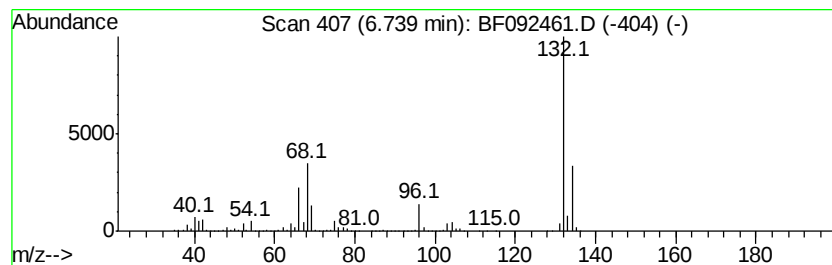
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Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	91.56 ng	4568670	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	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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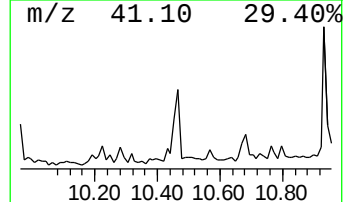
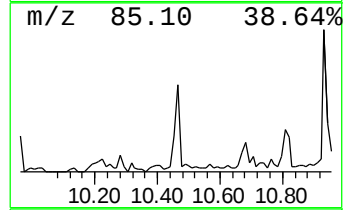
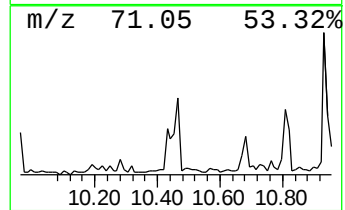
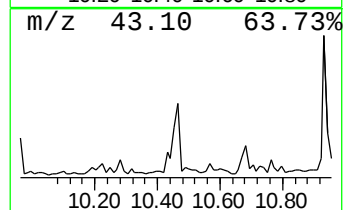
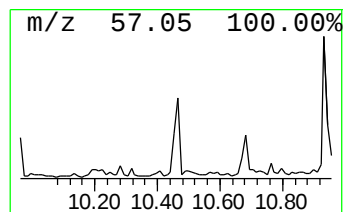
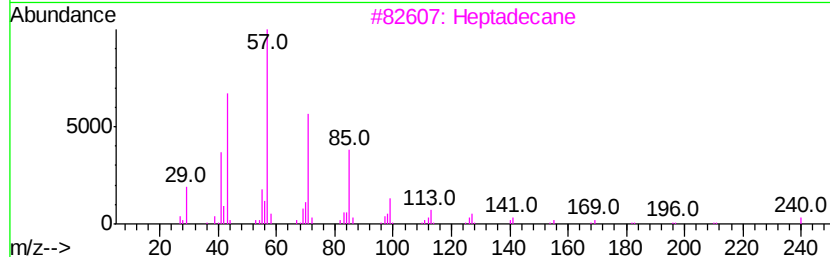
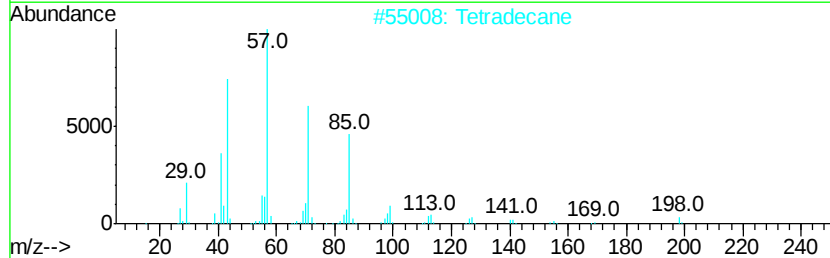
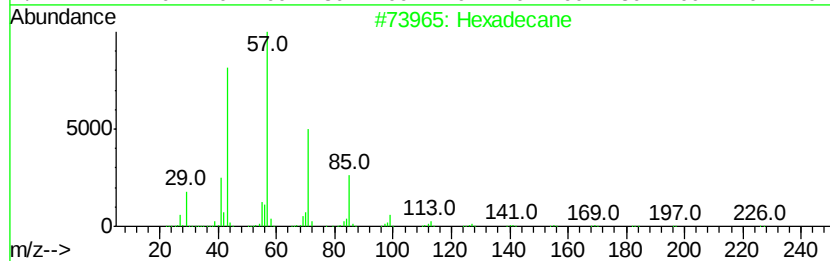
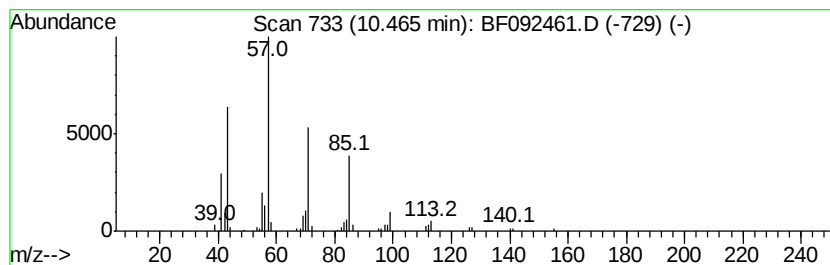
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Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.03 ng	139863	Acenaphthene-d10	10.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tetradecane		198	C14H30	000629-59-4	86
3	Heptadecane		240	C17H36	000629-78-7	86
4	Pentadecane		212	C15H32	000629-62-9	78
5	Eicosane		282	C20H42	000112-95-8	74



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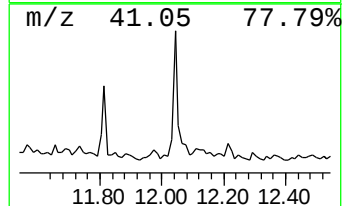
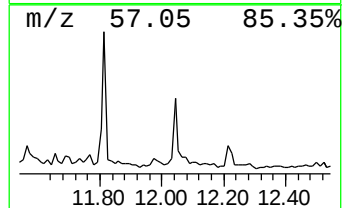
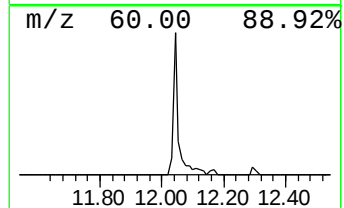
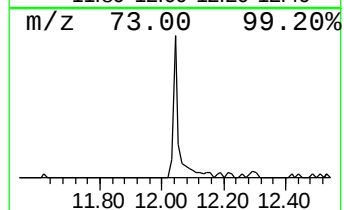
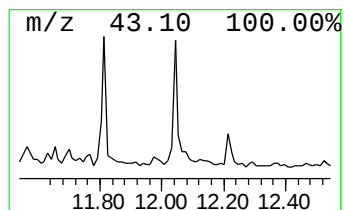
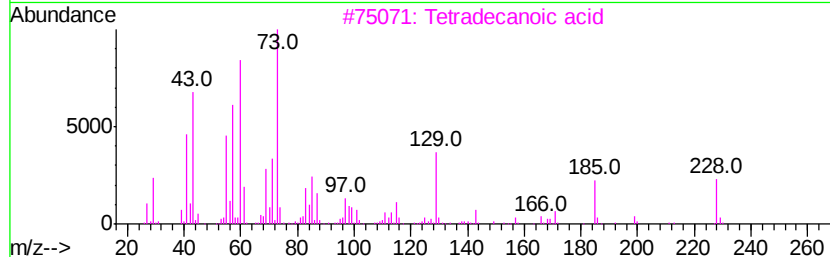
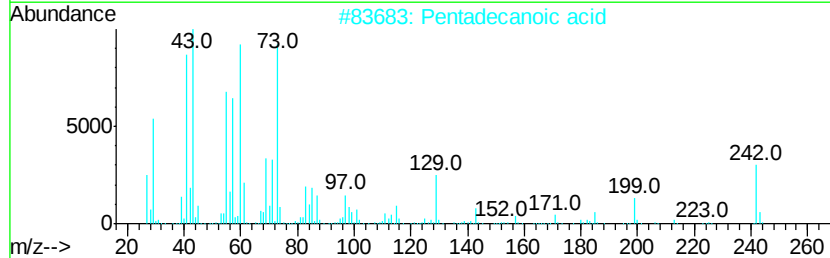
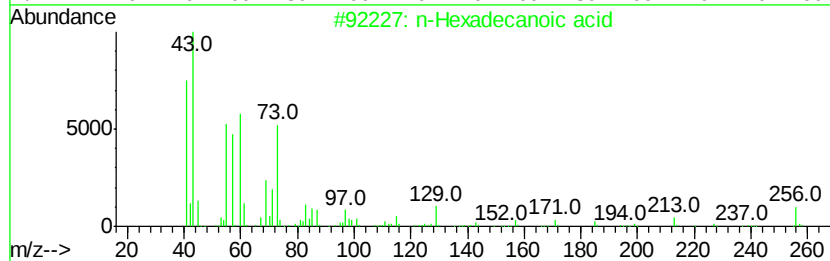
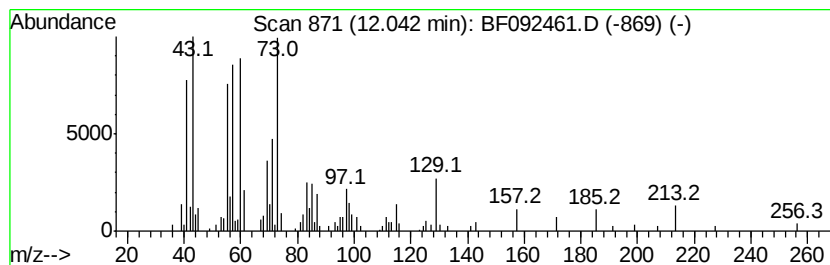
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.42 ng	155855	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	59
5		Amyl Nitrite	117	C5H11NO2	000110-46-3	35



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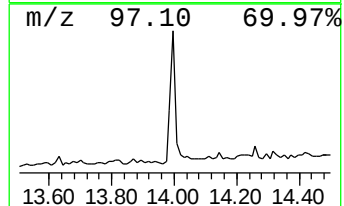
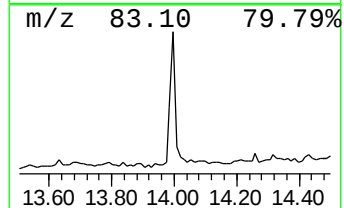
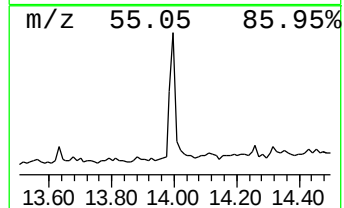
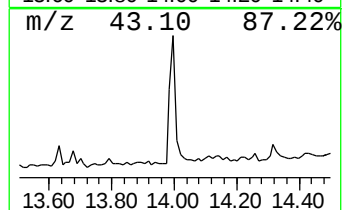
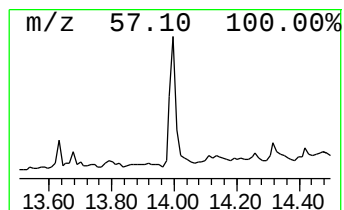
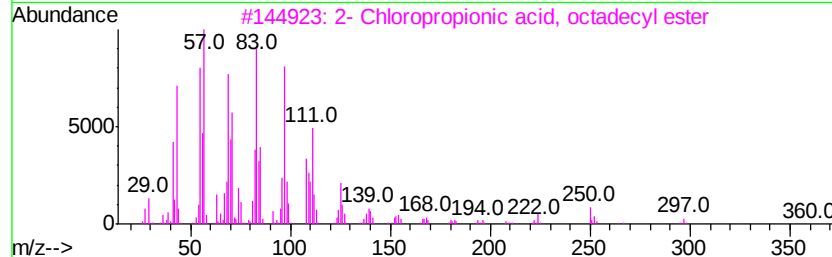
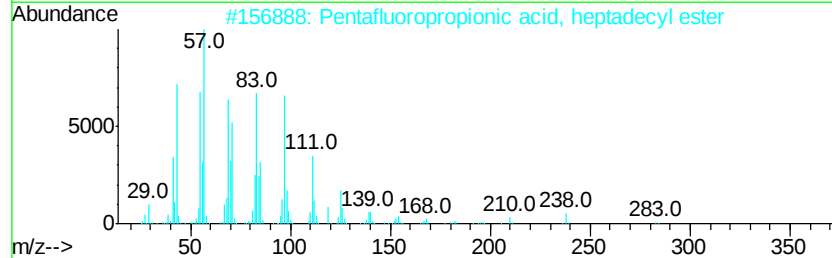
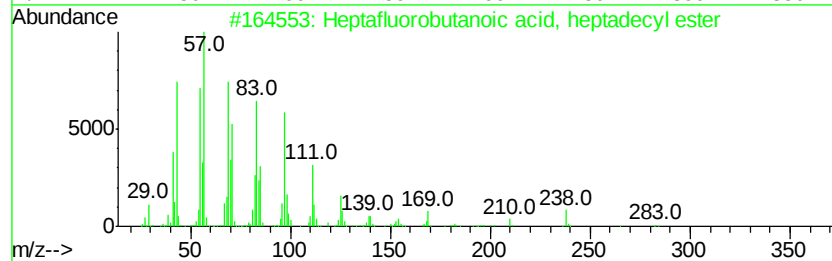
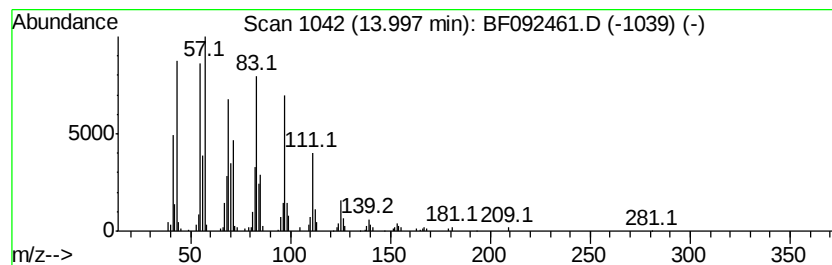
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	8.13 ng	364924	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.16	40.0	ng	1998070	1	6.97	997916	20.0
unknown6.74	6.74	91.6	ng	4568670	1	6.97	997916	20.0
Hexadecane	10.46	2.0	ng	139863	3	10.03	1376430	20.0
n-Hexadecanoic acid	12.04	2.4	ng	155855	4	11.52	1289300	20.0
Heptafluorobutano...	14.00	8.1	ng	364924	5	14.15	897895	20.0