LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084319.D
Acq On : 8 Jan 2016 1:06
Operator : SJ/UM
Sample : H1028-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BT001

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-BF123115.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	5.058	257	260	268	rVB	1303401	2197752	28.72%	3.215%
2	5.481	294	297	299	rBV	6998930	7649252	99.96%	11.191%
3	6.510	384	387	390	rBV	5669234	7151681	93.45%	10.463%
4	6.635	395	398	401	rBV	6098234	7096114	92.73%	10.382%
5	6.864	416	418	421	rBV	1766067	1467861	19.18%	2.147%
6	7.024	429	432	434	rBV	6352666	5599791	73.17%	8.193%
7	7.436	465	468	470	rBV	4995076	5149084	67.29%	7.533%
8	8.156	528	531	533	rBV	2107073	2026340	26.48%	2.965%
9	9.230	622	625	628	rBV	7843658	7652635	100.00%	11.196%
10	9.619	657	659	661	rBV	718044	850764	11.12%	1.245%
11	9.904	682	684	686	rVB	2438826	2141254	27.98%	3.133%
12	10.339	721	722	724	rVB	184656	140285	1.83%	0.205%
13	10.556	738	741	745	rBV	63336	122149	1.60%	0.179%
14	10.693	750	753	756	rBV	4563552	5006000	65.42%	7.324%
15	10.807	762	763	768	rBV	197195	325398	4.25%	0.476%
16	11.264	801	803	804	rBV	123924	133031	1.74%	0.195%
17	11.390	812	814	816	rBV	2351681	2185763	28.56%	3.198%
18	11.459	817	820	822	rVB2	42714	78689	1.03%	0.115%
19	12.602	917	920	921	rBV	89333	108956	1.42%	0.159%
20	12.819	935	939	941	rBV2	76518	120764	1.58%	0.177%
21	12.979	950	953	956	rBV	7305295	7400525	96.71%	10.827%
22	13.882	1029	1032	1040	rBV2	141136	279330	3.65%	0.409%
23	14.019	1042	1044	1047	rBV	1643289	1897495	24.80%	2.776%
24	14.408	1073	1078	1080	rBV2	30845	80281	1.05%	0.117%
25	15.448	1167	1169	1172	rBV	907095	1379406	18.03%	2.018%
26	15.905	1201	1209	1212	rVB	36756	111989	1.46%	0.164%

Sum of corrected areas: 68352589

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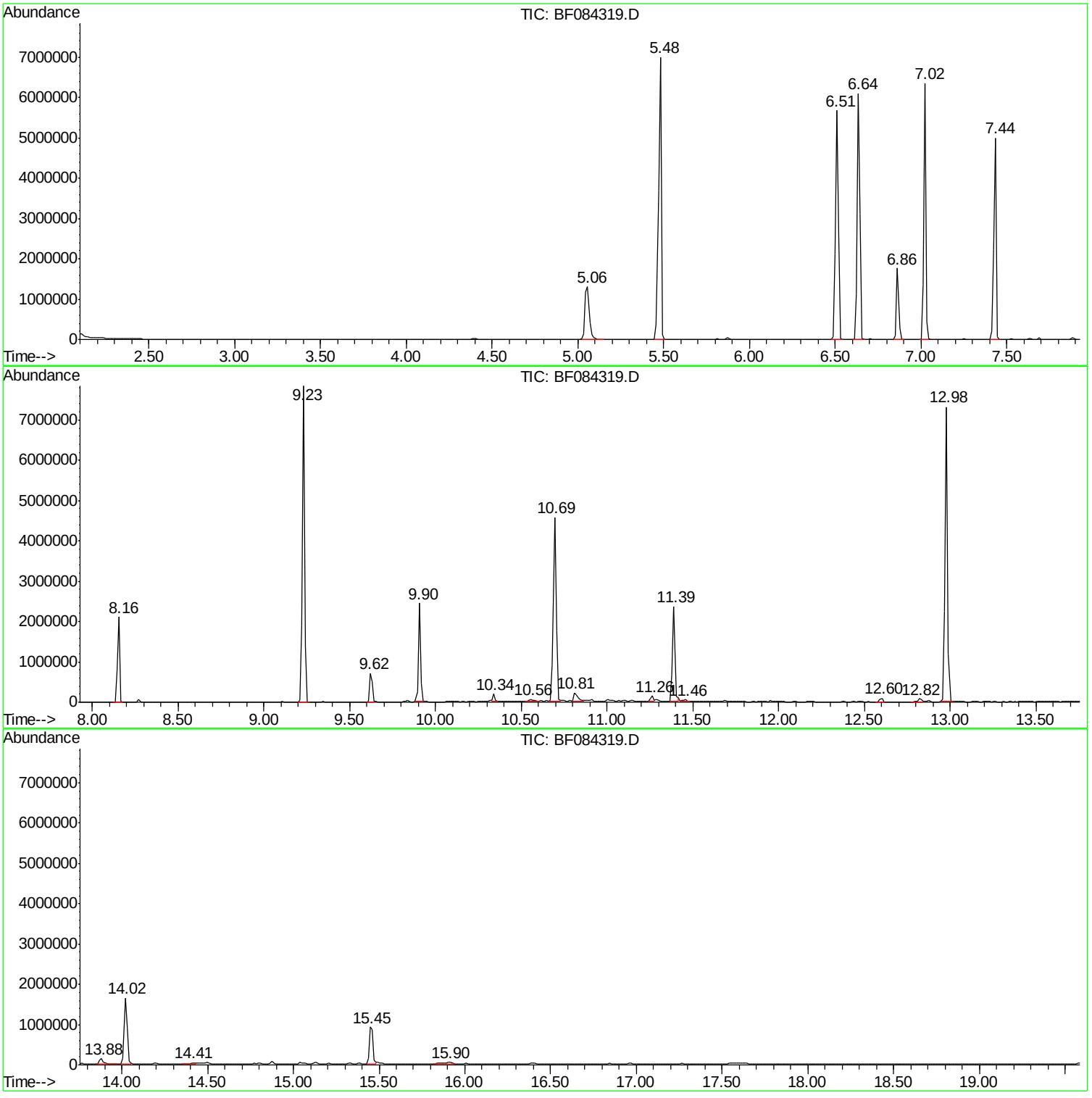
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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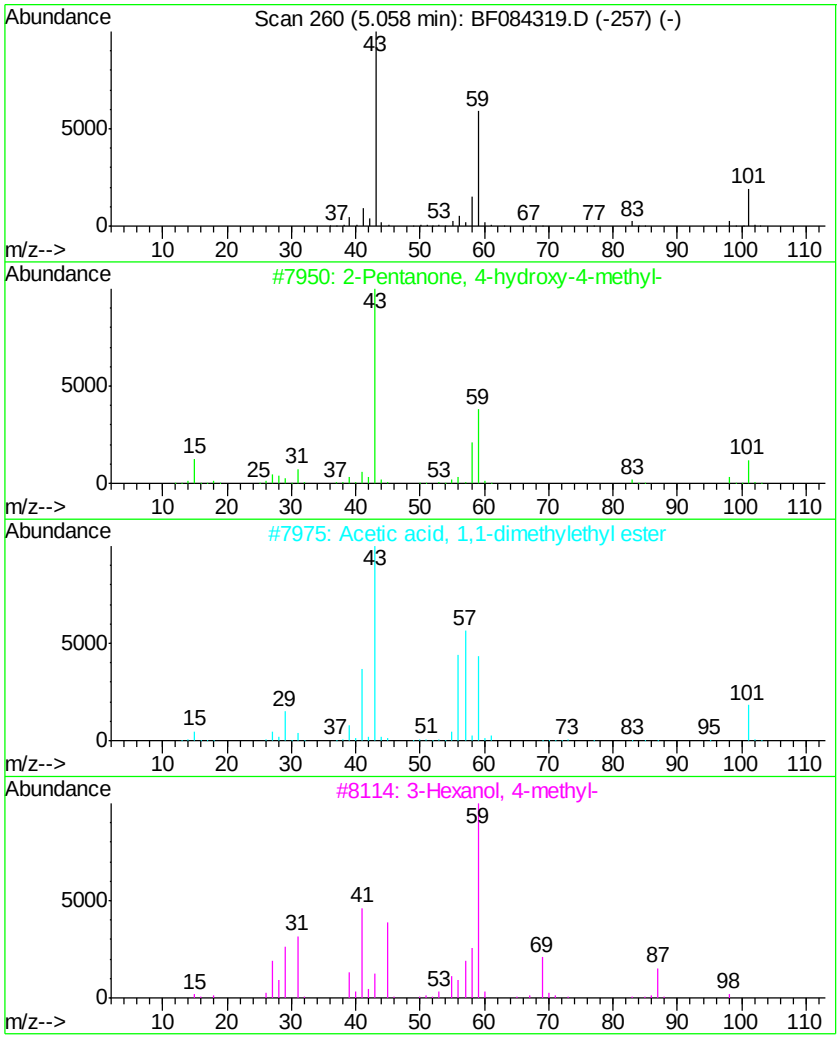
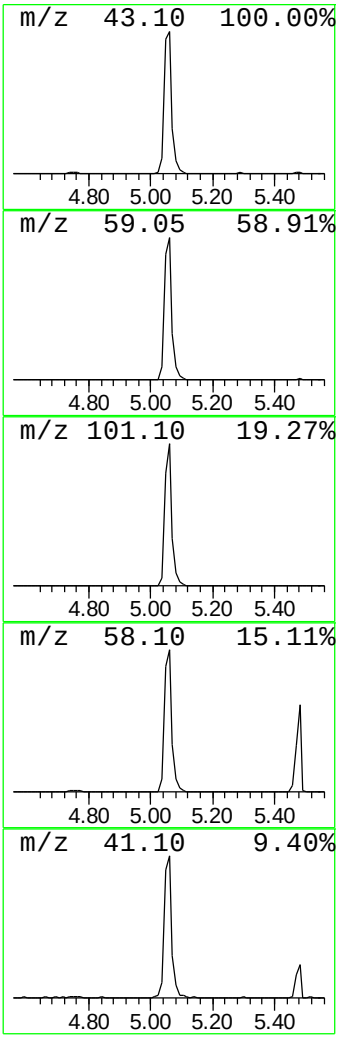
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	29.95 ng	2197750	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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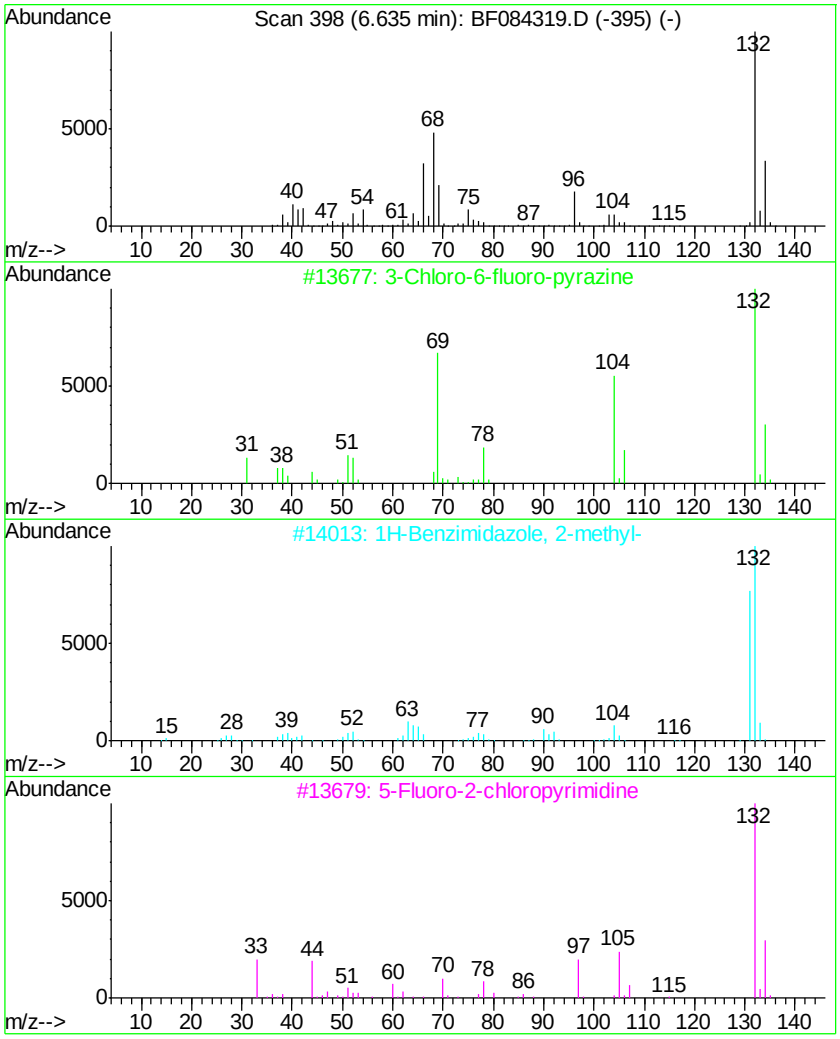
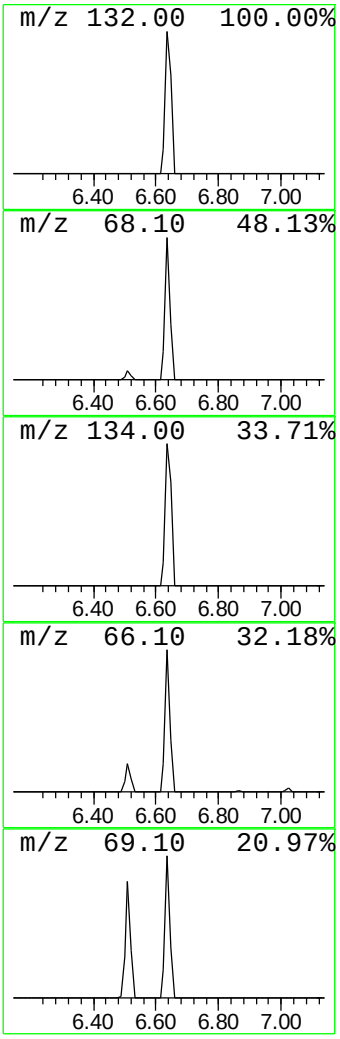
Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	96.69 ng	7096110	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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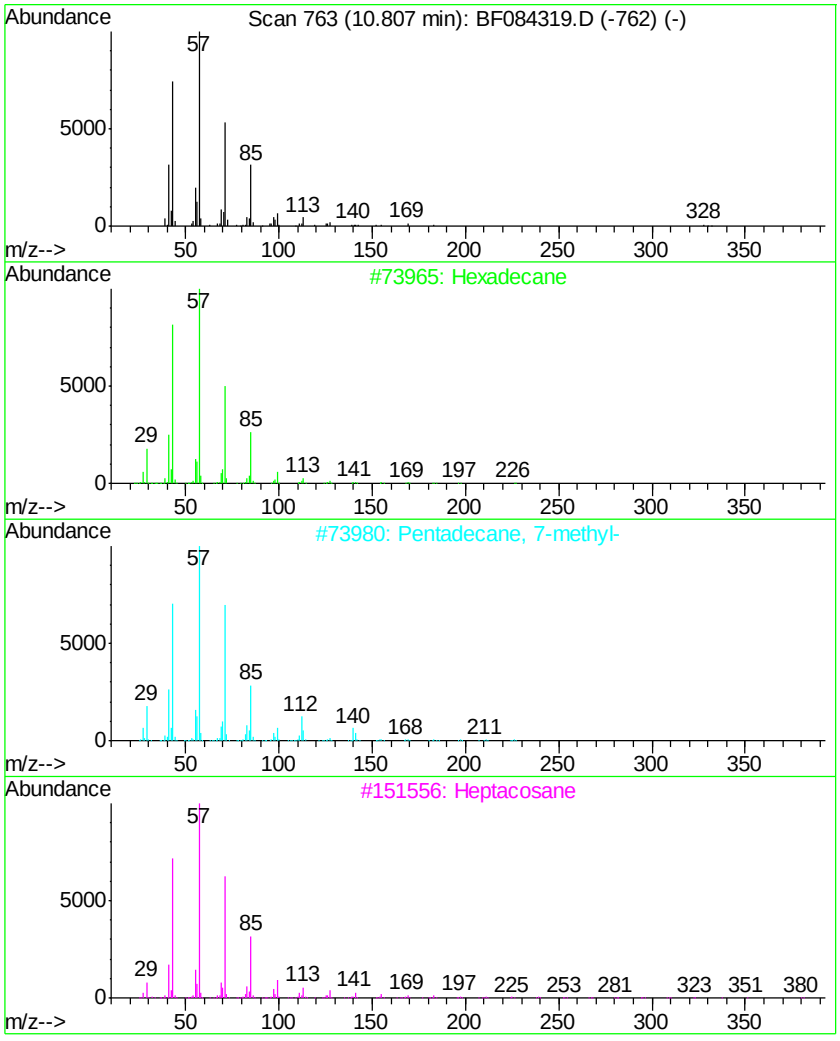
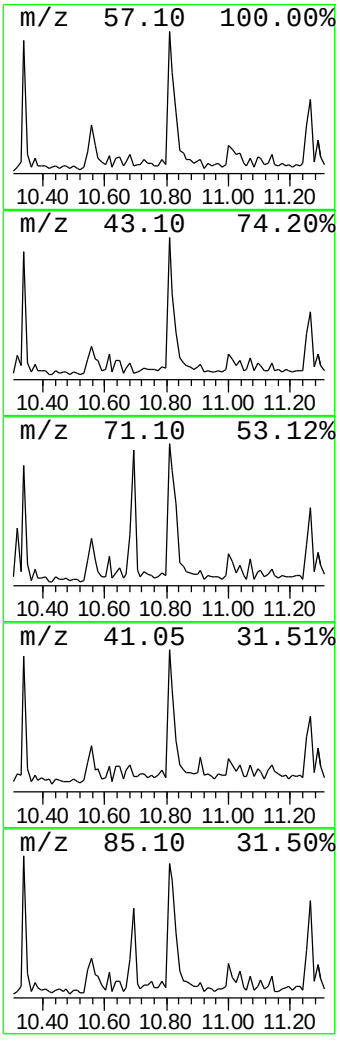
Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.98 ng	325398	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Triacontane	422	C30H62	000638-68-6	78
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





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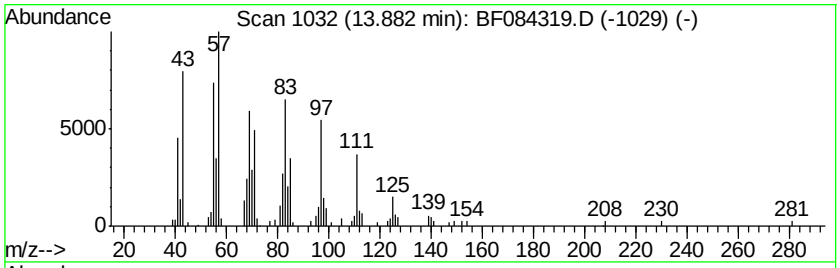
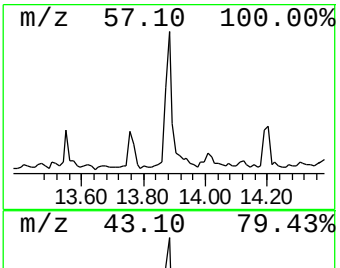
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.94 ng	279330	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	29.9	ng	2197750	1	6.86	1467860	20.0
unknown6.64	6.64	96.7	ng	7096110	1	6.86	1467860	20.0
Hexadecane	10.81	3.0	ng	325398	4	11.39	2185760	20.0
Pentafluoropropio...	13.88	2.9	ng	279330	5	14.02	1897500	20.0