LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084959.D
Acq On : 9 Feb 2016 18:34
Operator : SJ/IZ
Sample : H1386-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B001(15-17)

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-BF020116.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	4.784	233	236	248	rVB	843398	1470300	28.18%	3.252%
2	5.230	272	275	277	rBV	4490679	4839622	92.74%	10.704%
3	6.293	365	368	370	rBV	4394742	5008760	95.98%	11.078%
4	6.407	375	378	380	rBV	4665092	5164080	98.96%	11.421%
5	6.636	396	398	400	rBV	732413	901772	17.28%	1.994%
6	6.784	409	411	414	rBV	2991867	3290670	63.06%	7.278%
7	7.207	445	448	450	rBV	2968745	3274849	62.76%	7.243%
8	7.322	454	458	465	rVB	57000	95713	1.83%	0.212%
9	7.916	508	510	513	rBV	1254342	1207114	23.13%	2.670%
10	9.002	602	605	607	rBV	4893577	5218352	100.00%	11.541%
11	9.402	637	640	642	rBV	964005	957947	18.36%	2.119%
12	9.619	652	659	660	rBV	150363	172415	3.30%	0.381%
13	9.665	660	663	666	rVB	1458157	1407018	26.96%	3.112%
14	9.848	675	679	683	rBV2	28020	71081	1.36%	0.157%
15	10.111	701	702	704	rVB	144077	142099	2.72%	0.314%
16	10.328	718	721	725	rBV	49890	90418	1.73%	0.200%
17	10.453	729	732	735	rVB	2996572	3354411	64.28%	7.419%
18	10.591	741	744	748	rVB	100305	180221	3.45%	0.399%
19	10.785	759	761	765	rBV	32684	68287	1.31%	0.151%
20	11.025	781	782	784	rBV	56913	79252	1.52%	0.175%
21	11.139	790	792	795	rVB	1243241	1346249	25.80%	2.977%
22	12.728	928	931	934	rBV	3387039	4662463	89.35%	10.312%
23	13.642	1009	1011	1016	rVB	54235	98258	1.88%	0.217%
24	13.768	1020	1022	1025	rBV	1333791	1234333	23.65%	2.730%
25	15.128	1139	1141	1144	rBV	733677	878592	16.84%	1.943%

Sum of corrected areas: 45214276

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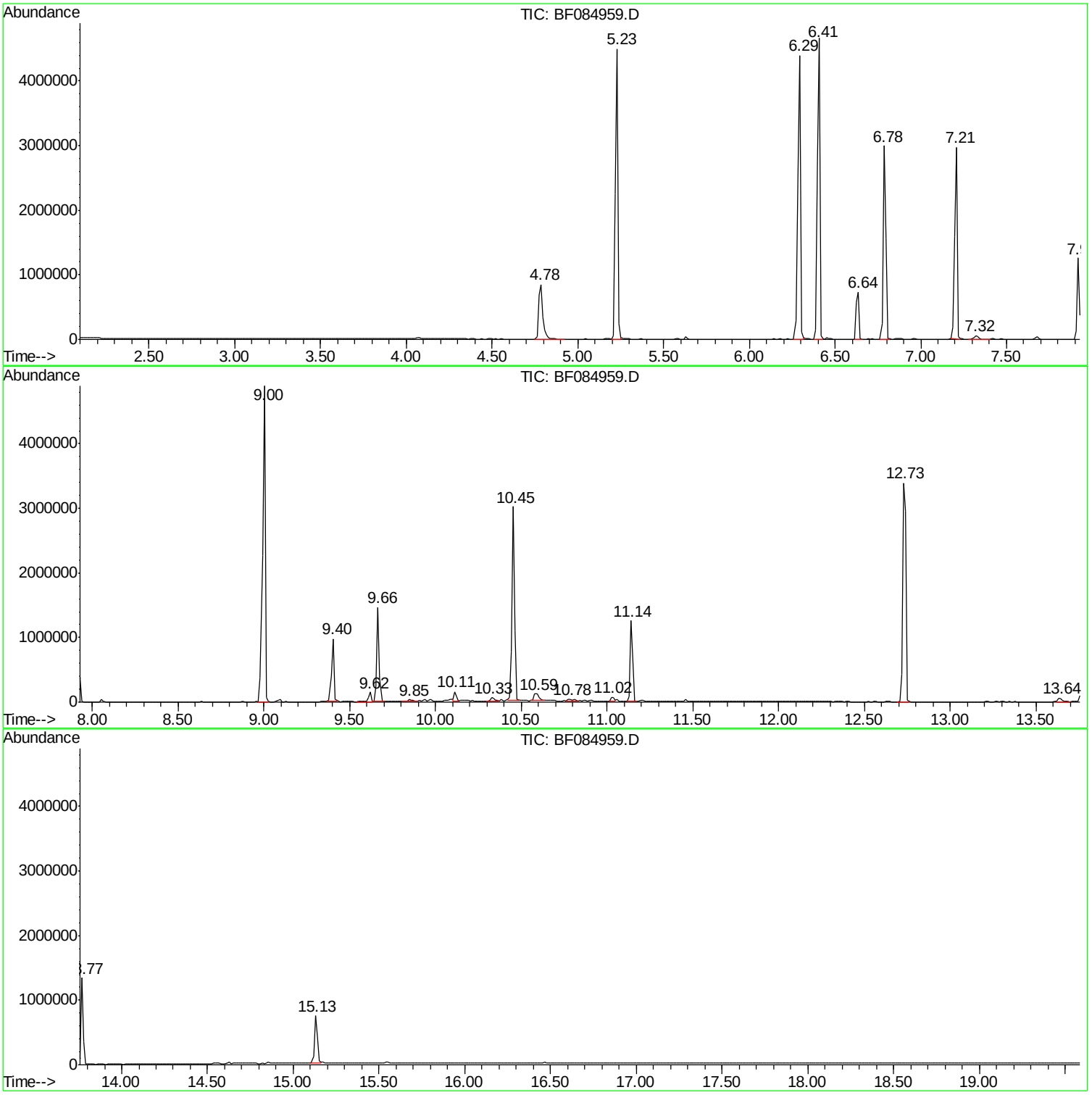
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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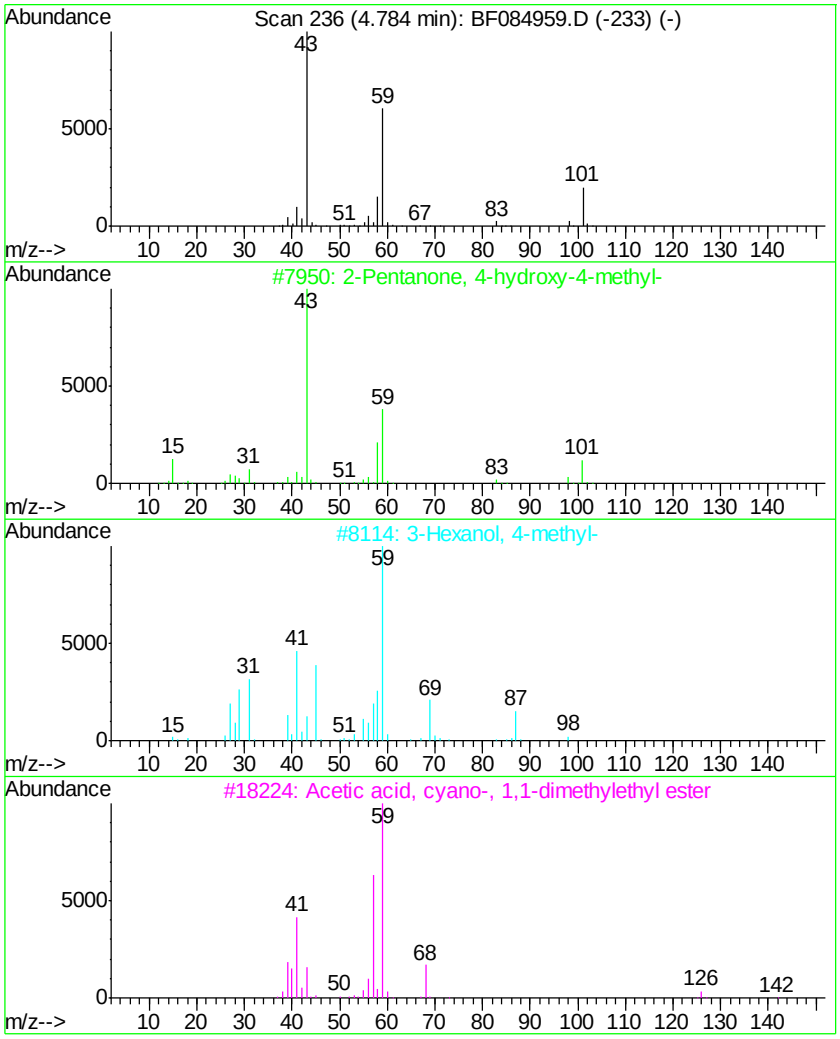
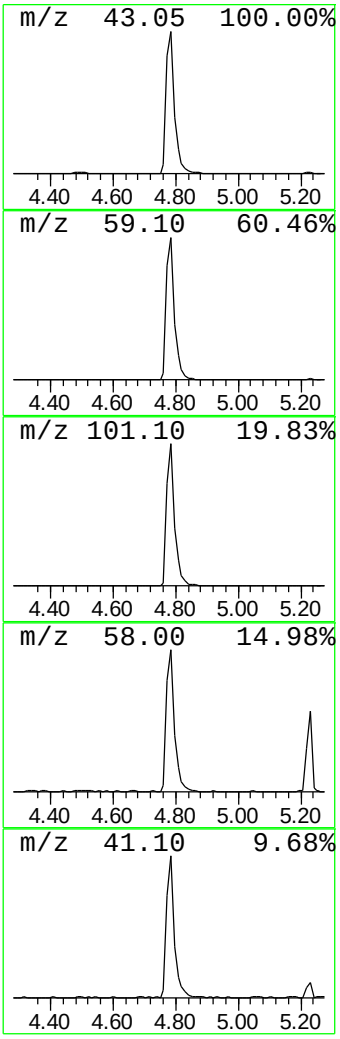
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	32.61 ng	1470300	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





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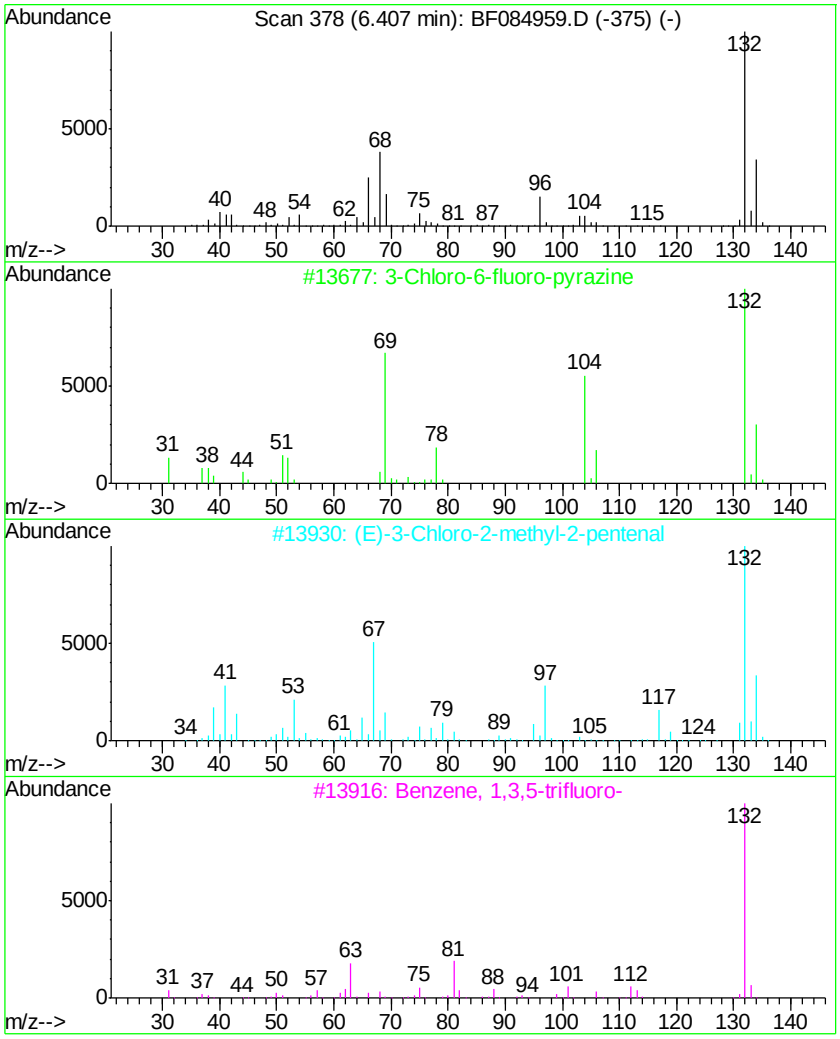
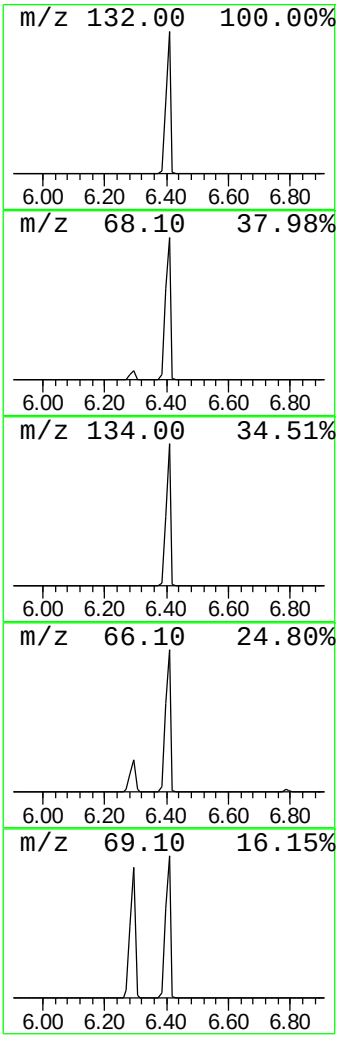
Peak Number 2 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	114.53 ng	5164080	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	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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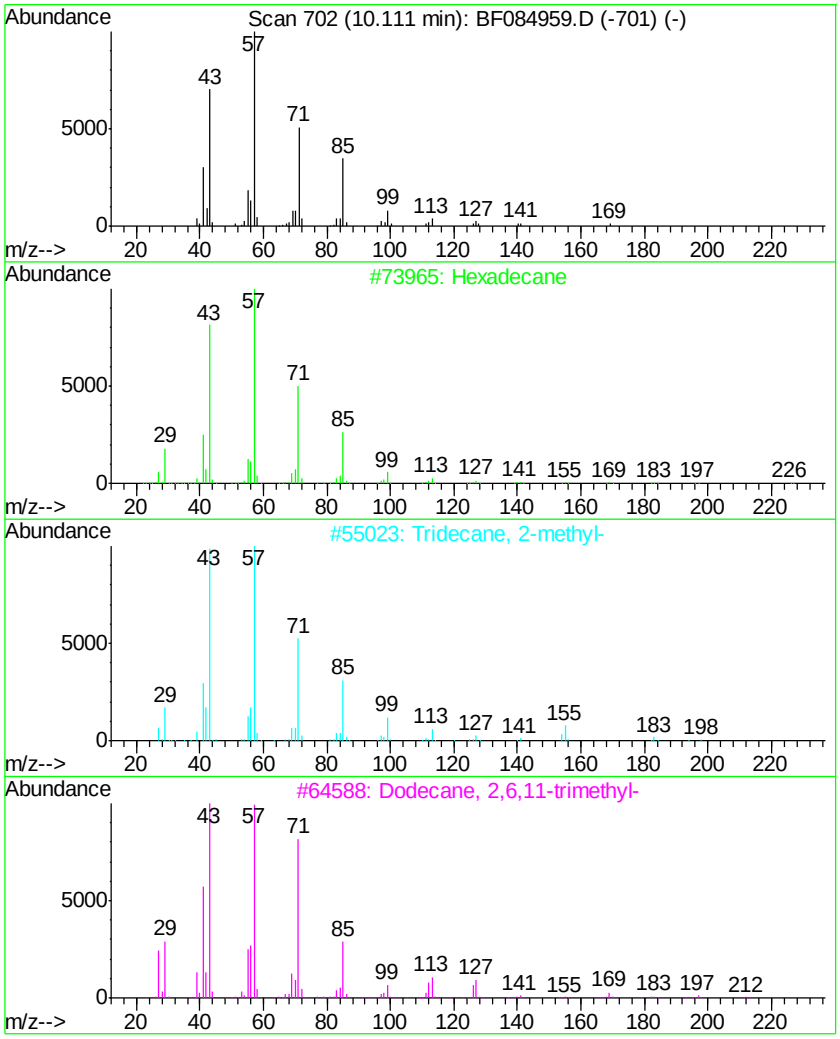
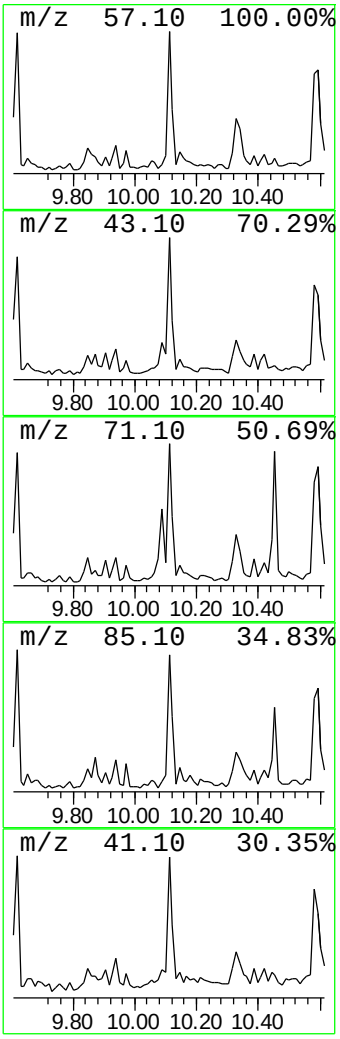
Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.02 ng	142099	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Octadecane	254	C18H38	000593-45-3	59
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	59





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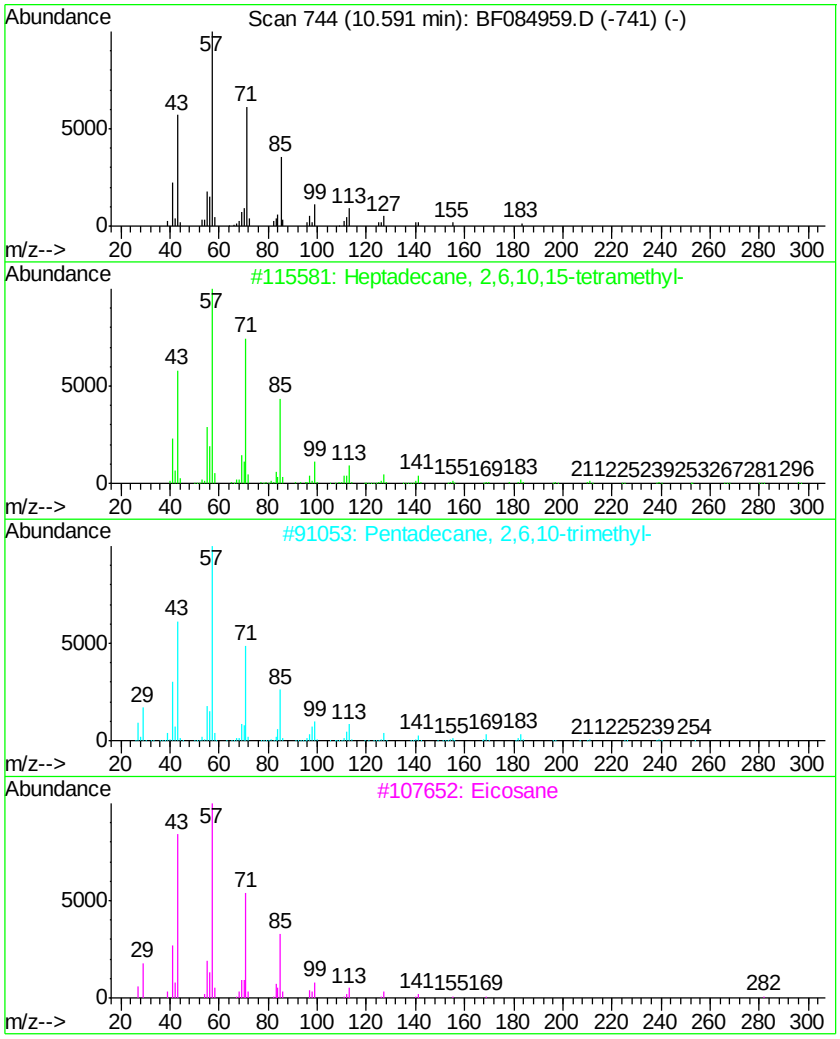
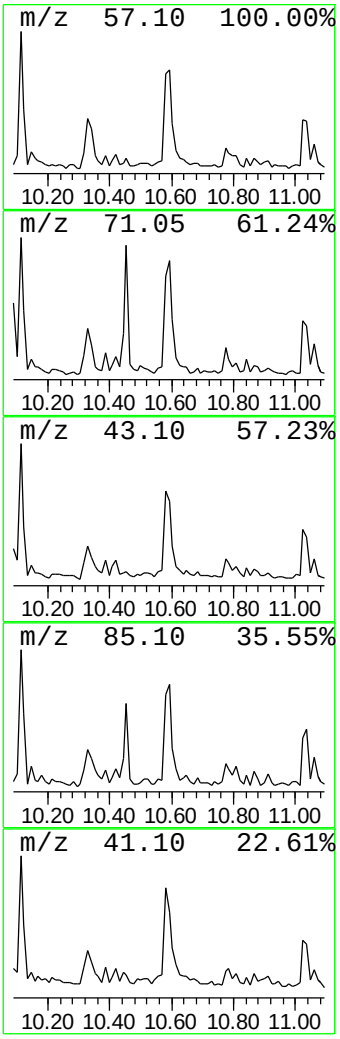
Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.68 ng	180221	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hexadecane	226	C16H34	000544-76-3	86





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...	4.78	32.6	ng	1470300	1	6.64	901772	20.0
unknown6.41	6.41	114.5	ng	5164080	1	6.64	901772	20.0
Hexadecane	10.11	2.0	ng	142099	3	9.66	1407020	20.0
Heptadecane, 2,6,...	10.59	2.7	ng	180221	4	11.14	1346250	20.0