LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096813.D
Acq On : 17 Jul 2017 12:24
Operator : SJ/JU
Sample : I4159-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOUTH-GAS-SIDEWALL

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-BF071317.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	4.781	471	475	487	rVB	313693	423776	16.07%	1.944%
2	5.216	544	549	552	rBV	2534884	2590961	98.26%	11.885%
3	6.257	721	726	735	rBV	2118412	2484962	94.24%	11.399%
4	6.381	742	747	750	rBV	2495369	2361530	89.56%	10.833%
5	6.610	782	786	789	rBV	755324	614936	23.32%	2.821%
6	6.769	808	813	816	rBV	1740840	1684275	63.87%	7.726%
7	7.175	876	882	885	rBV	1572565	1505460	57.09%	6.906%
8	7.892	999	1004	1007	rBV	964989	846677	32.11%	3.884%
9	8.969	1182	1187	1190	rBV	2867761	2636901	100.00%	12.096%
10	9.357	1250	1253	1256	rBV	280972	230472	8.74%	1.057%
11	9.633	1296	1300	1304	rBV	994909	895508	33.96%	4.108%
12	10.086	1374	1377	1380	rBV	68018	50536	1.92%	0.232%
13	10.304	1409	1414	1416	rBV2	25548	29716	1.13%	0.136%
14	10.421	1430	1434	1437	rBV	1376133	1247620	47.31%	5.723%
15	10.557	1454	1457	1463	rBV	82007	99577	3.78%	0.457%
16	11.004	1528	1533	1535	rBV2	45205	43065	1.63%	0.198%
17	11.110	1547	1551	1555	rVB	948850	785362	29.78%	3.603%
18	12.439	1772	1777	1788	rBV3	43645	64563	2.45%	0.296%
19	12.692	1816	1820	1824	rBV	1855626	1924450	72.98%	8.828%
20	13.598	1971	1974	1981	rVB2	123562	140388	5.32%	0.644%
21	13.733	1992	1997	2000	rBV	594737	541862	20.55%	2.486%
22	14.492	2123	2126	2129	rBV	30964	34045	1.29%	0.156%
23	15.104	2225	2230	2236	rBV	465503	524300	19.88%	2.405%
24	16.545	2471	2475	2479	rVB6	23635	38498	1.46%	0.177%

Sum of corrected areas: 21799440

LSC Report - Integrated Chromatogram

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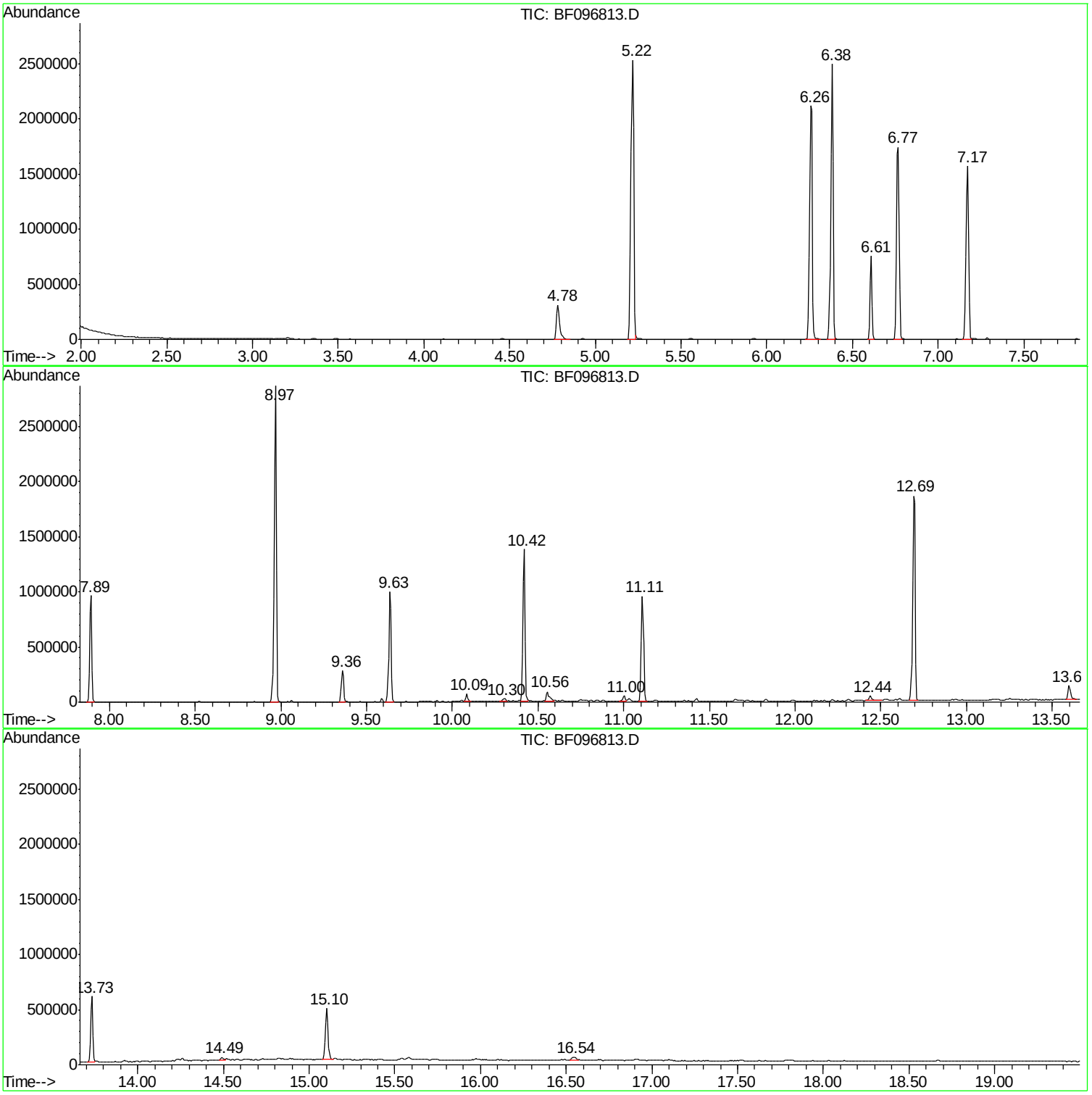
Instrument : BNA_F
ClientSampleId : SOUTH-GAS-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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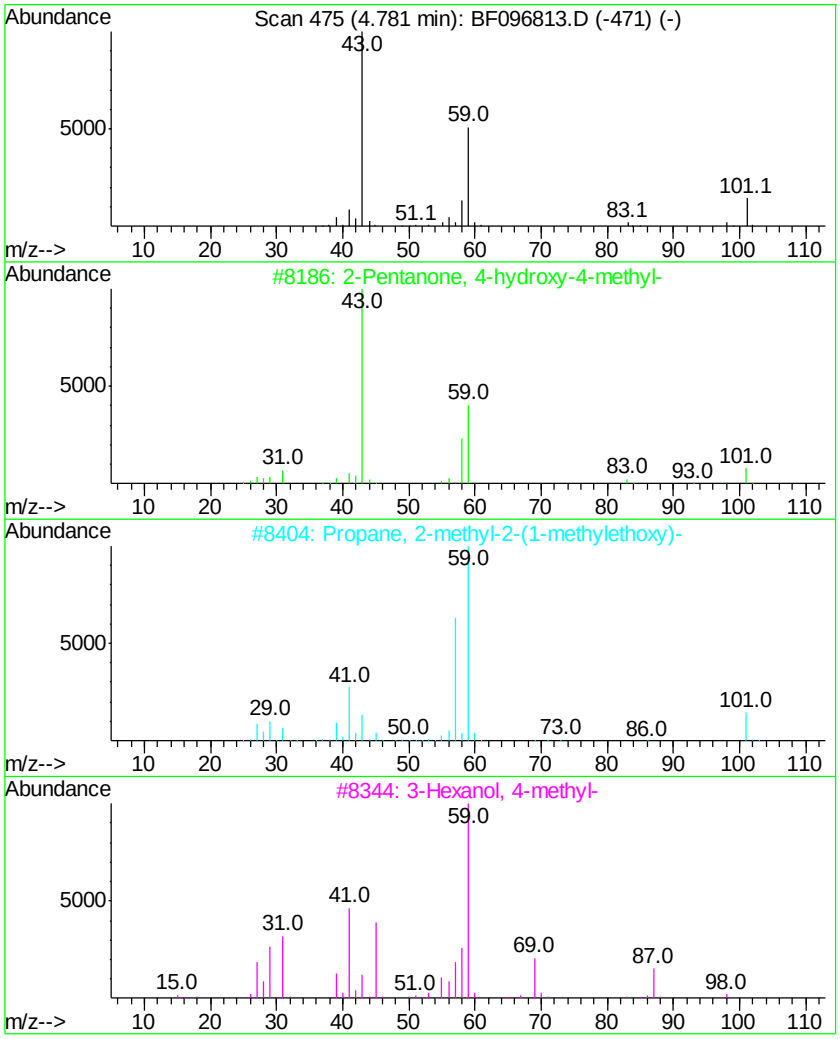
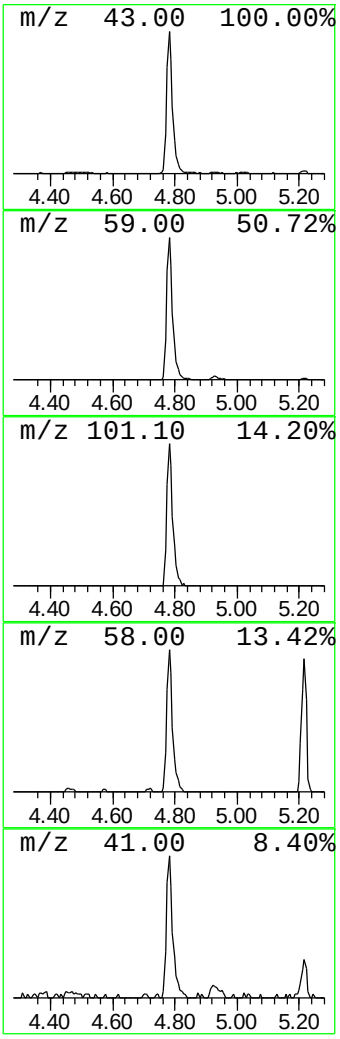
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	13.78 ng	423776	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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ClientSampleId : SOUTH-GAS-SIDEWALL

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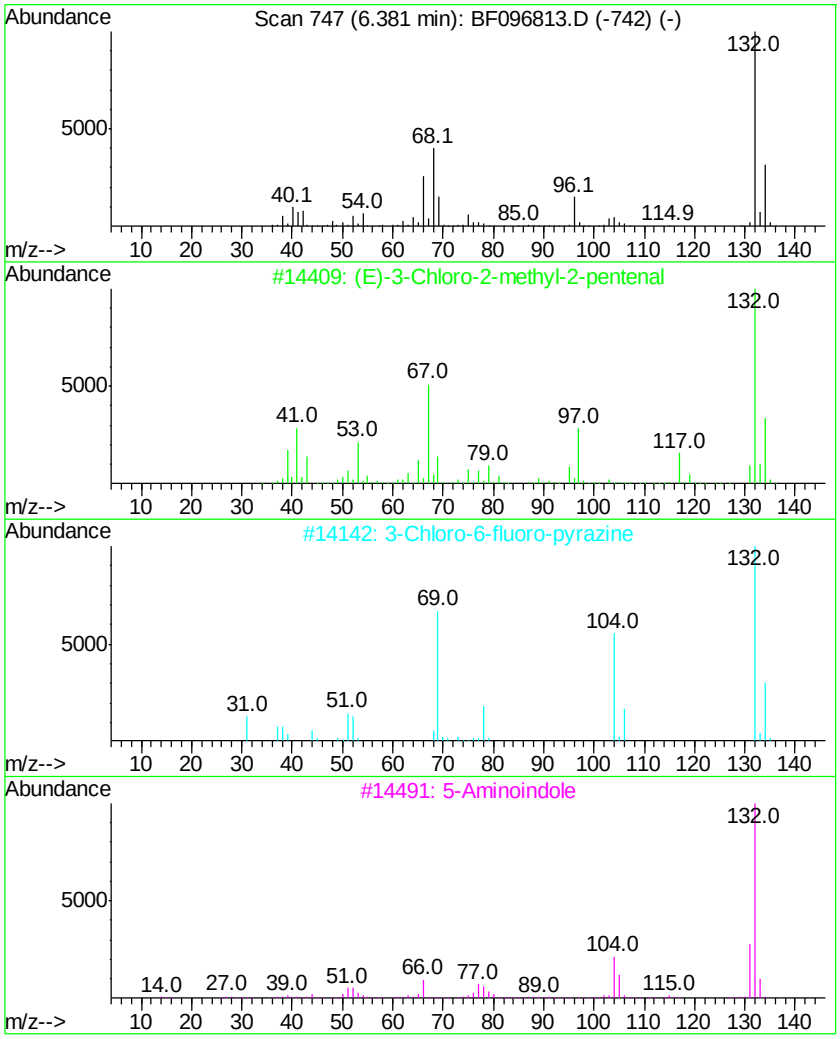
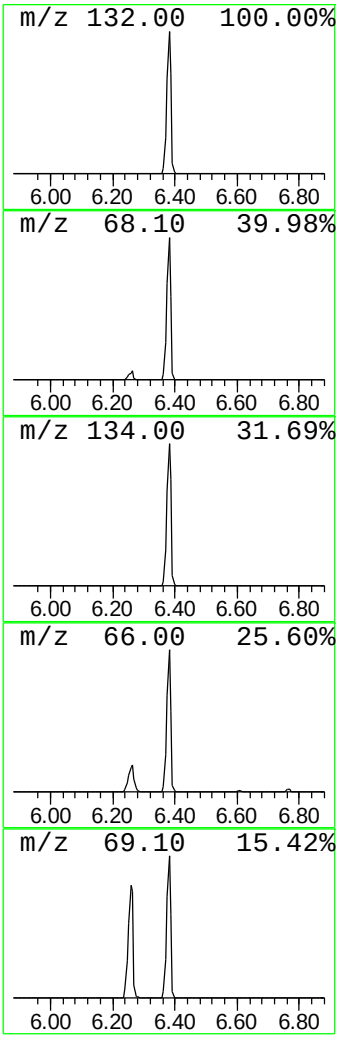
Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	76.81 ng	2361530	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : SOUTH-GAS-SIDEWALL

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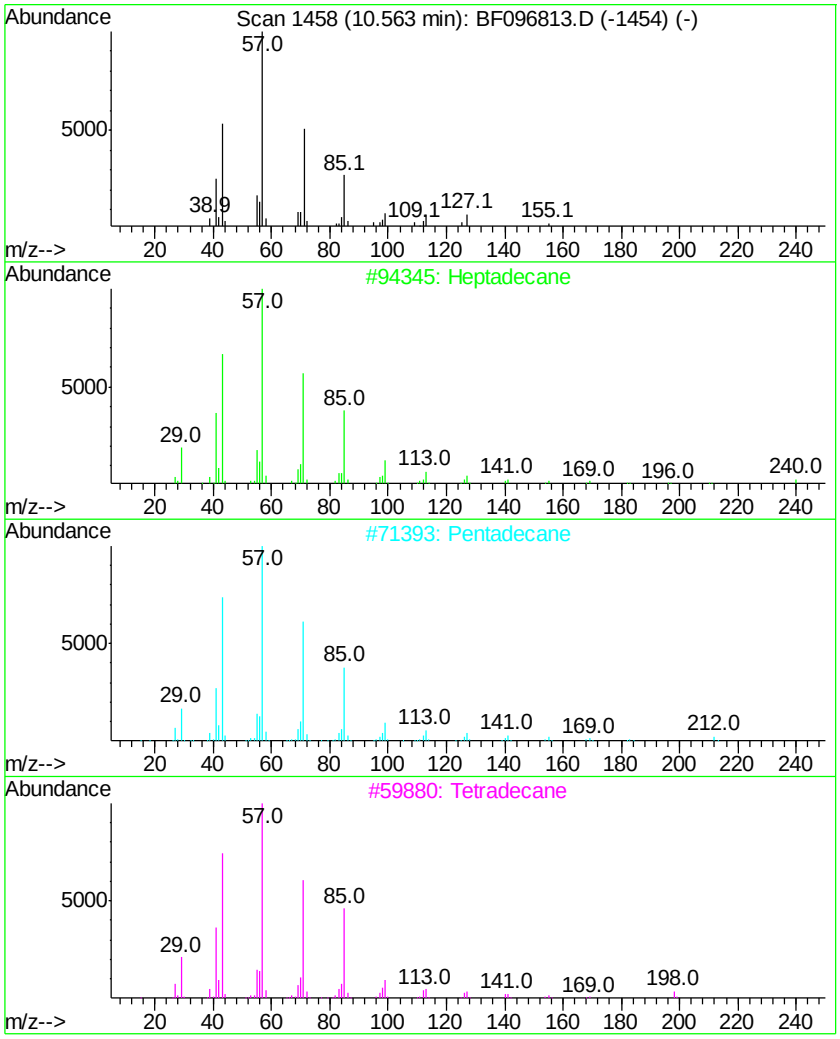
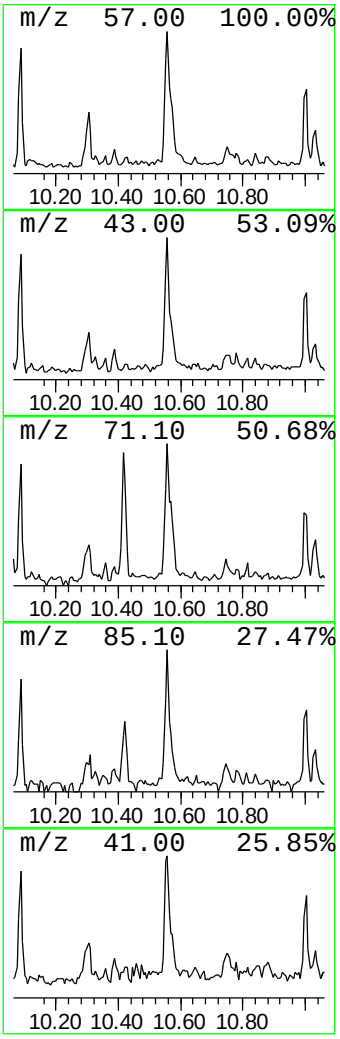
Peak Number 4 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.54 ng	99577	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	86





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Instrument :
BNA_F
ClientSampleId :
SOUTH-GAS-SIDEWALL

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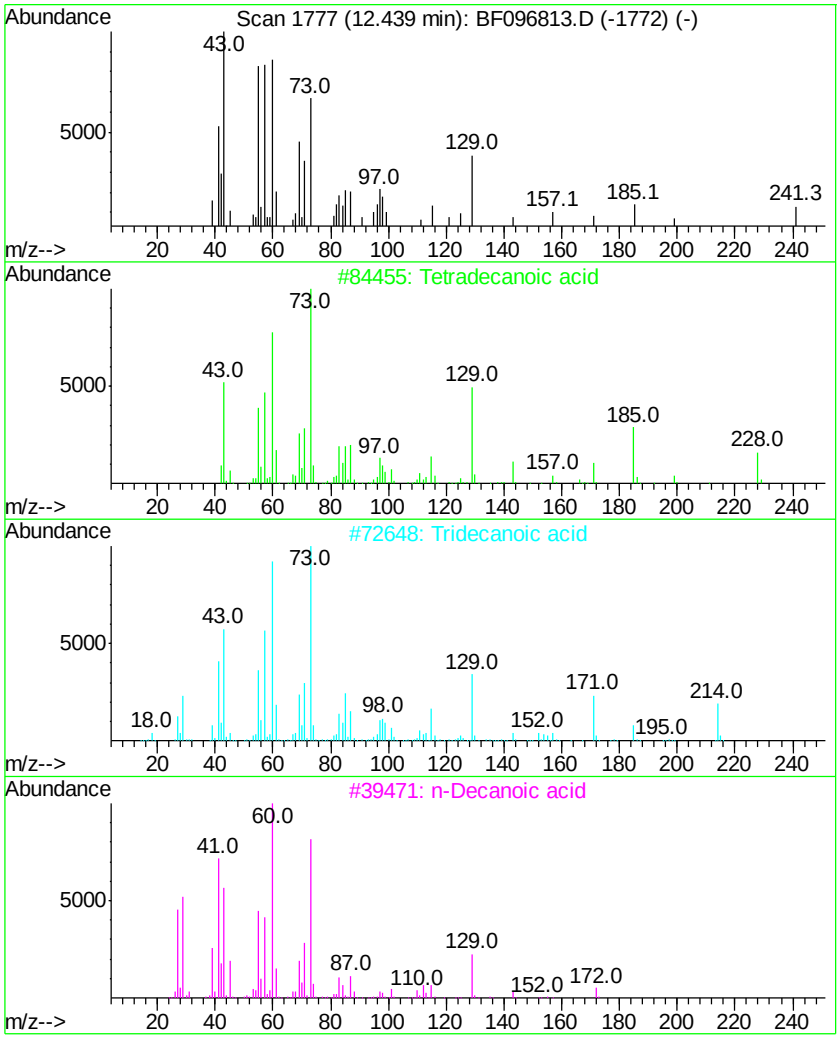
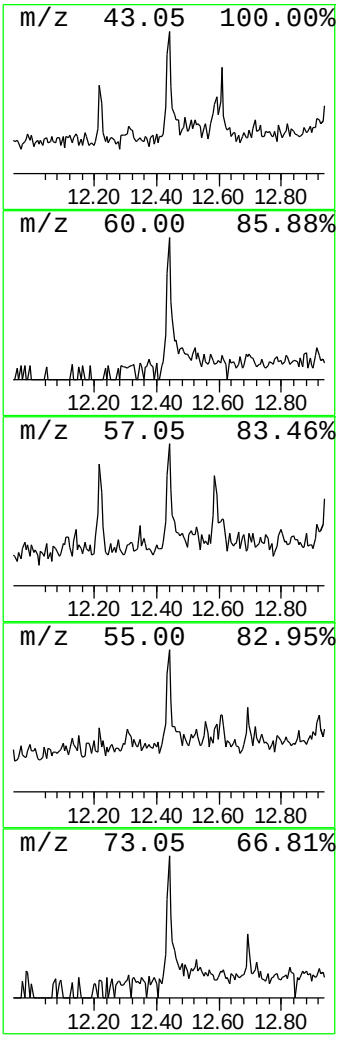
Peak Number 5 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.38 ng	64563	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	40





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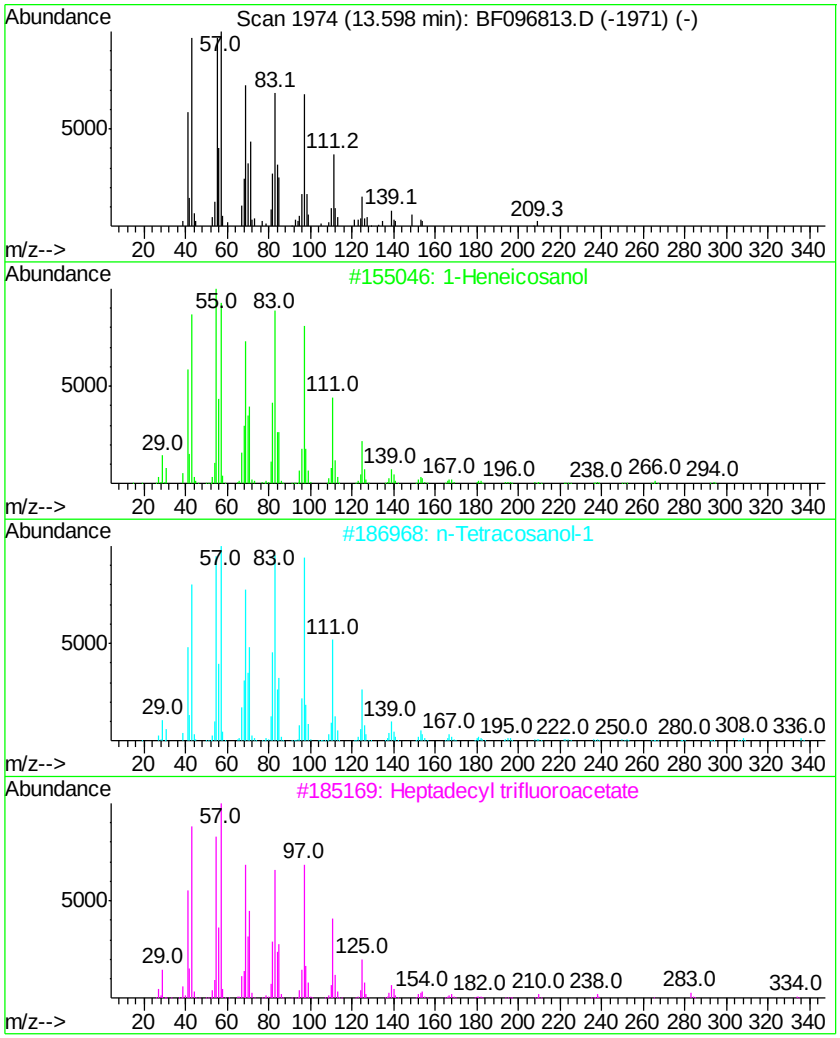
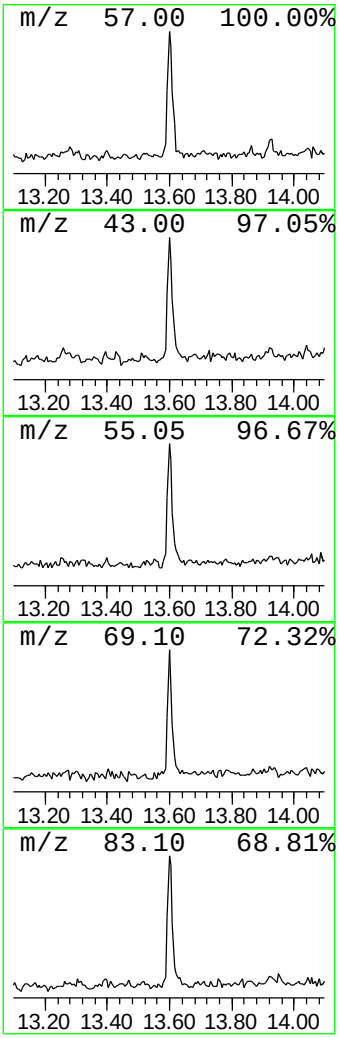
Peak Number 6 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.18 ng	140388	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	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...	4.78	13.8	ng	423776	1	6.61	614936	20.0
unknown6.38	6.38	76.8	ng	2361530	1	6.61	614936	20.0
Heptadecane	10.56	2.5	ng	99577	4	11.11	785362	20.0
Tetradecanoic acid	12.44	2.4	ng	64563	5	13.73	541862	20.0
1-Heneicosanol	13.60	5.2	ng	140388	5	13.73	541862	20.0