LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137961.D
Acq On : 20 May 2024 16:08
Operator : CG\JU
Sample : P2518-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-MH-LL

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137961.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	9	14	20	rVB3	47116	93315	3.12%	0.430%
2	2.393	45	52	61	rVB	1234694	1591931	53.22%	7.338%
3	3.669	266	269	279	rBV	24390	45688	1.53%	0.211%
4	5.663	603	608	611	rBV	2383485	2077584	69.46%	9.576%
5	6.651	771	776	779	rBV	2247196	2081191	69.58%	9.593%
6	7.040	838	842	845	rBV	1007488	753291	25.18%	3.472%
7	7.598	932	937	940	rBV	1588629	1357241	45.37%	6.256%
8	7.840	975	978	984	rBV	52283	39285	1.31%	0.181%
9	8.322	1056	1060	1064	rBV	1264808	1021607	34.15%	4.709%
10	8.628	1109	1112	1116	rBV	30432	36127	1.21%	0.167%
11	9.398	1238	1243	1246	rBV	3560458	2991185	100.00%	13.788%
12	10.081	1356	1359	1363	rBV	1445019	1215625	40.64%	5.603%
13	10.163	1369	1373	1381	rVB	41221	54383	1.82%	0.251%
14	10.875	1489	1494	1497	rBV	2029484	1821087	60.88%	8.394%
15	11.575	1609	1613	1617	rBV	1509898	1251738	41.85%	5.770%
16	12.080	1695	1699	1705	rBV	120409	119268	3.99%	0.550%
17	13.163	1879	1883	1886	rBV	3526694	2939700	98.28%	13.550%
18	14.045	2027	2033	2035	rBV	59273	59237	1.98%	0.273%
19	14.080	2035	2039	2050	rVB7	32396	92578	3.10%	0.427%
20	14.222	2060	2063	2067	rBV	825904	803267	26.85%	3.703%
21	14.669	2136	2139	2144	rBV	120625	113500	3.79%	0.523%
22	15.368	2254	2258	2266	rBV	67489	83356	2.79%	0.384%
23	15.786	2323	2329	2334	rBV	705769	923078	30.86%	4.255%
24	16.274	2407	2412	2418	rVB3	21024	36761	1.23%	0.169%
25	18.604	2799	2808	2822	rBV9	32307	92725	3.10%	0.427%

Sum of corrected areas: 21694748

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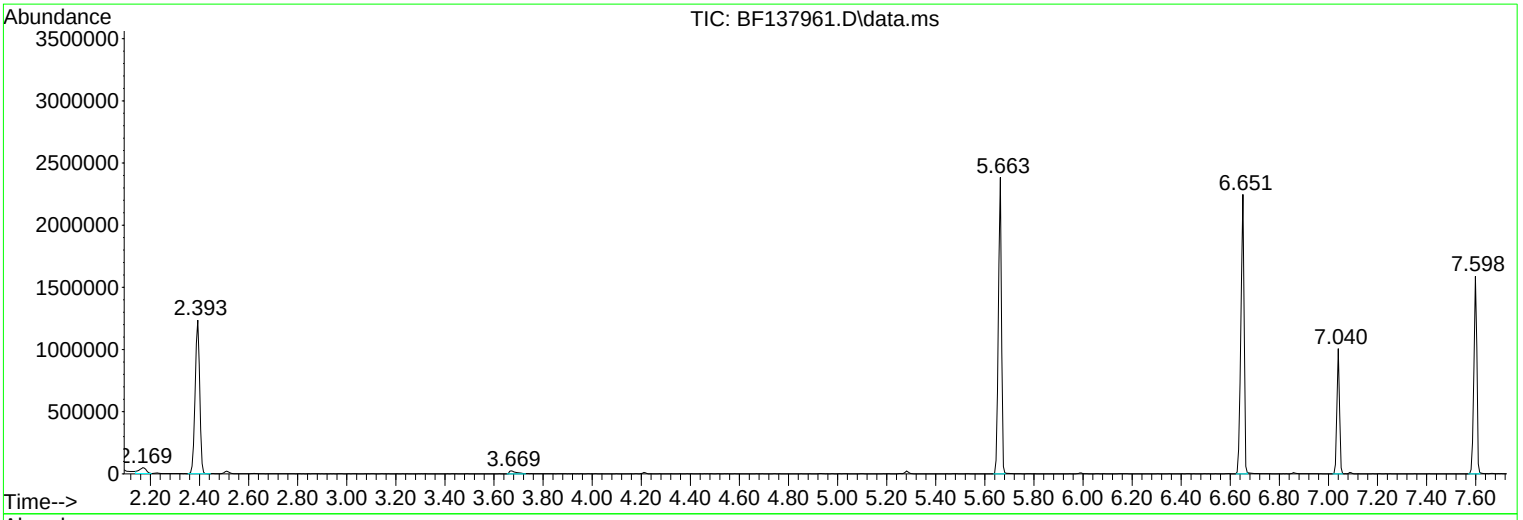
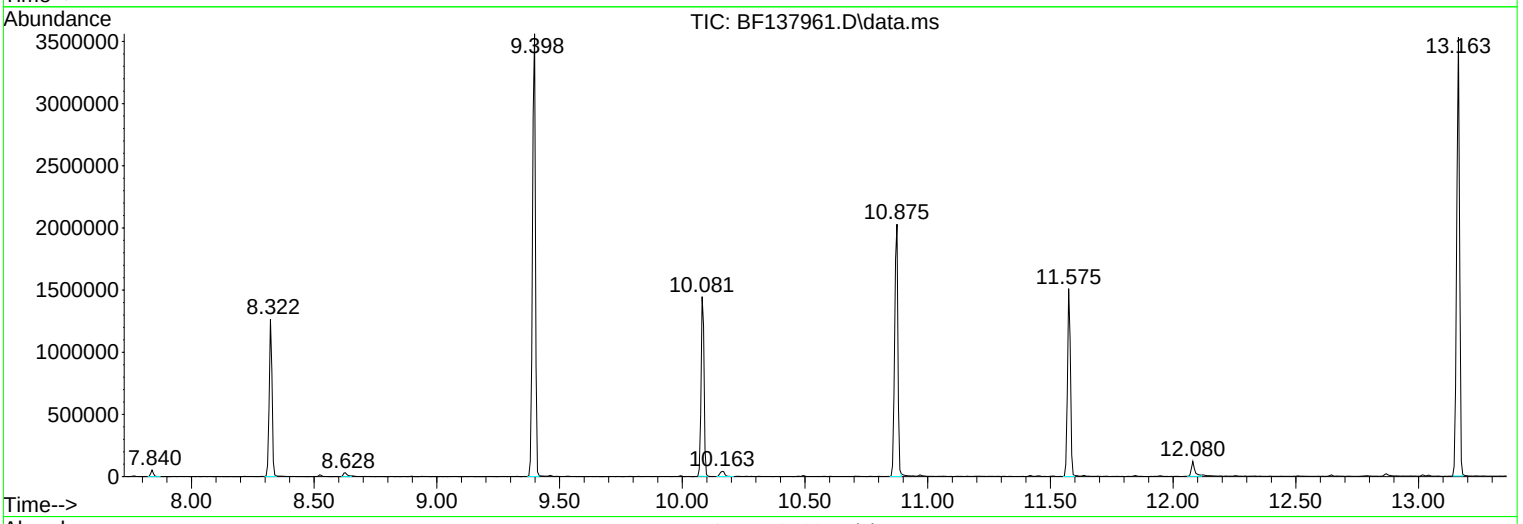
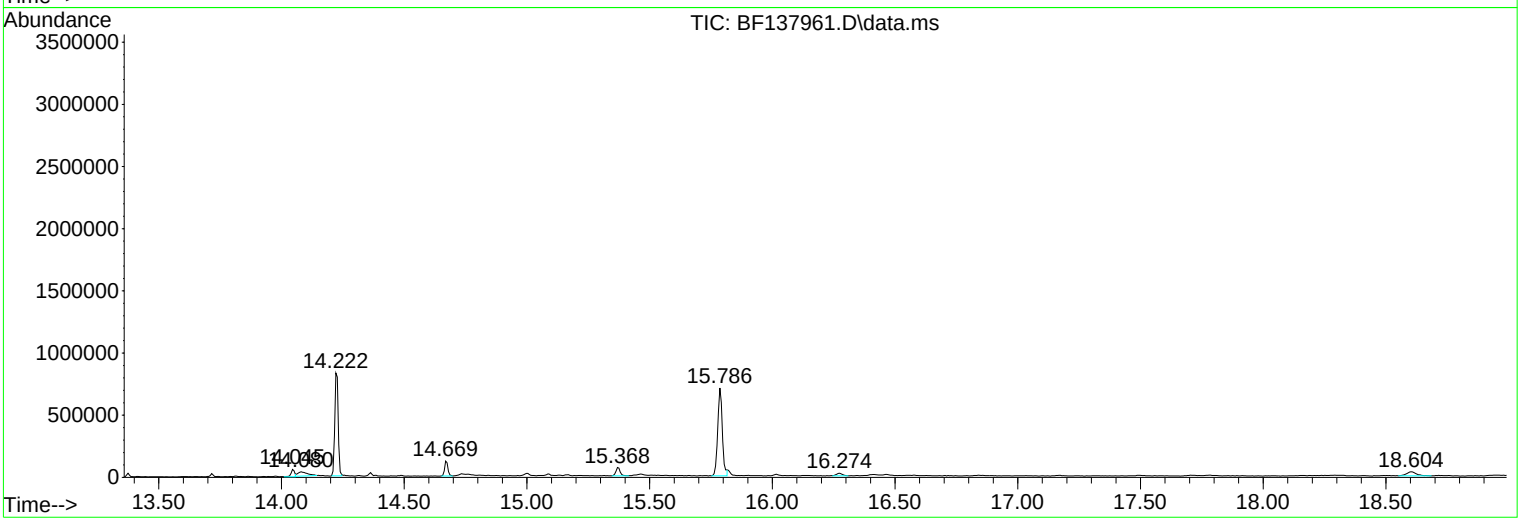
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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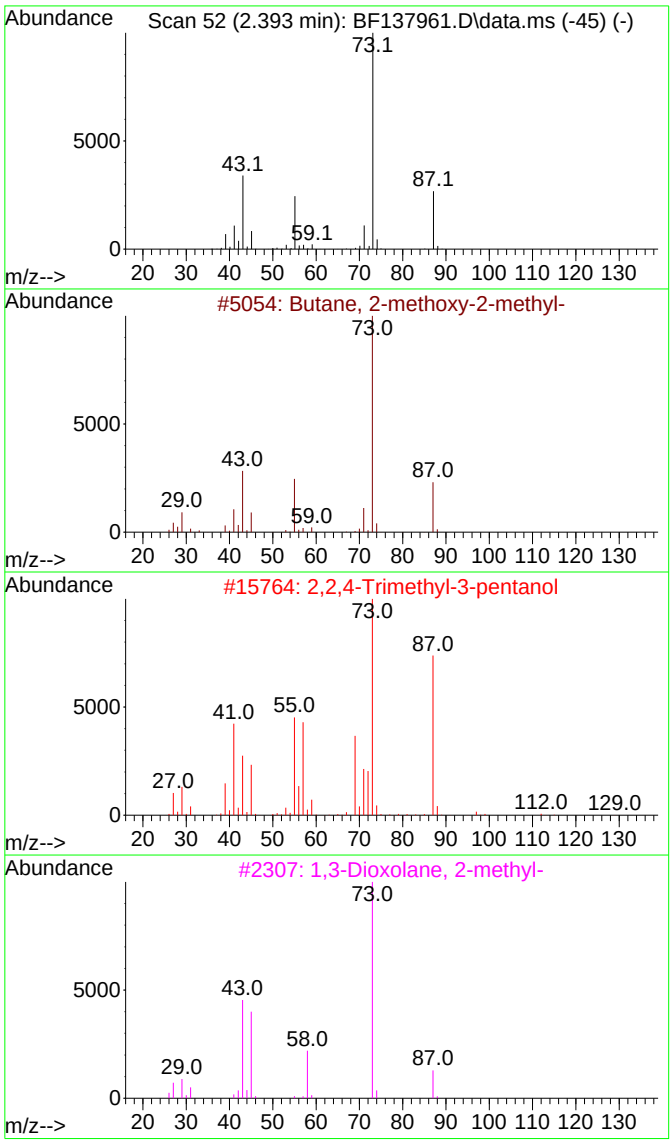
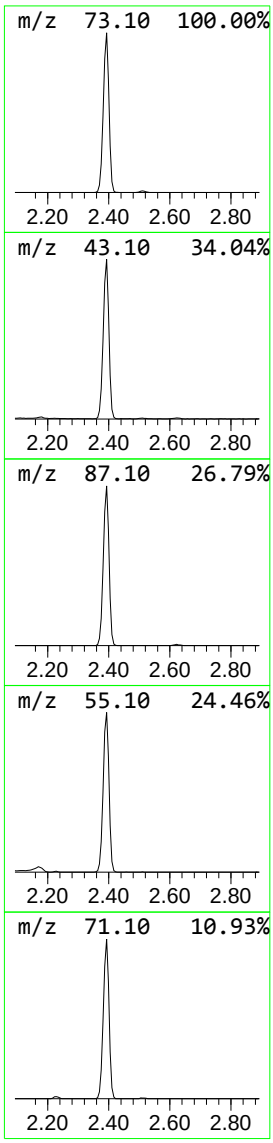
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.393	42.27 ng	1591930	1,4-Dichlorobenzene-d4	7.040

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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ClientSampleId :
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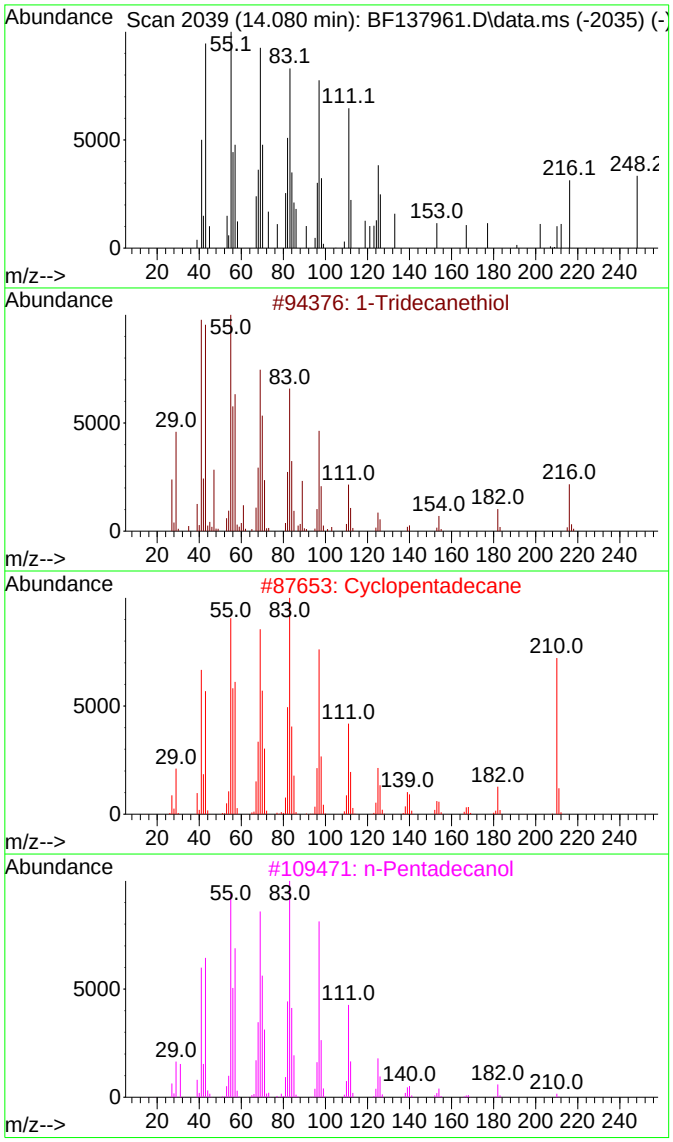
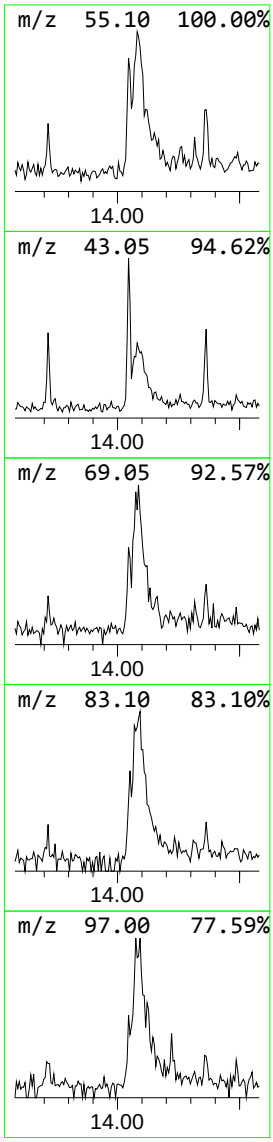
Peak Number 3 1-Tridecanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	2.31 ng	92578	Chrysene-d12	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecanethiol	216	C13H28S	019484-26-5	86
2	Cyclopentadecane	210	C15H30	000295-48-7	81
3	n-Pentadecanol	228	C15H32O	000629-76-5	74
4	1-Hexadecanol	242	C16H34O	036653-82-4	72
5	1-Octadecanol	270	C18H38O	000112-92-5	58





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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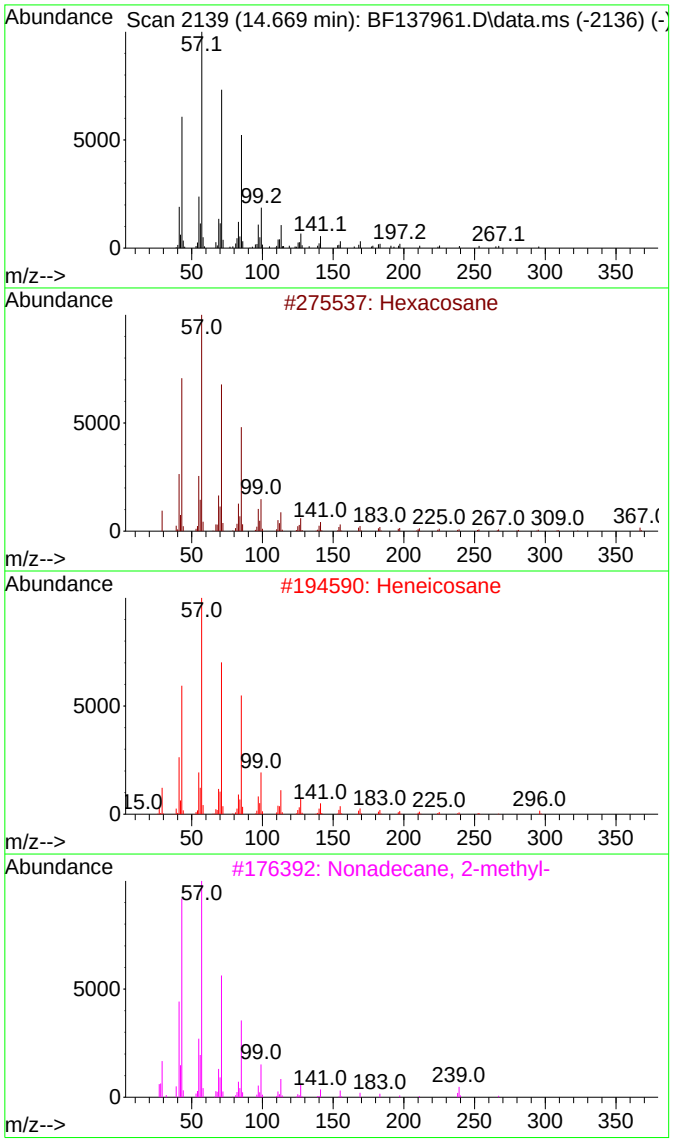
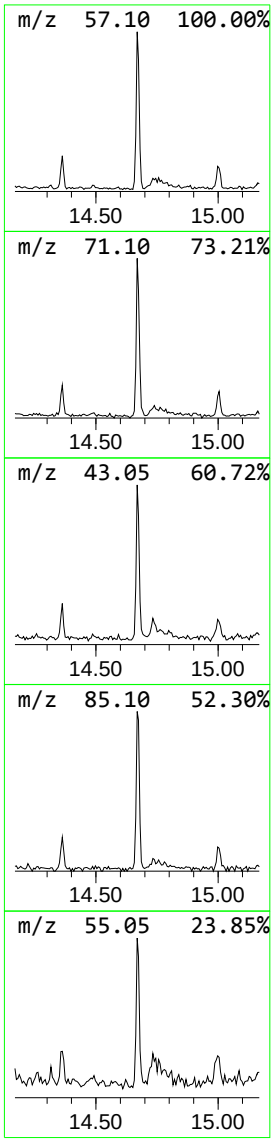
Peak Number 4 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	2.83 ng	113500	Chrysene-d12	14.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Octadecane	254	C18H38	000593-45-3	87





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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TIC Library : C:\Database\NIST20.L
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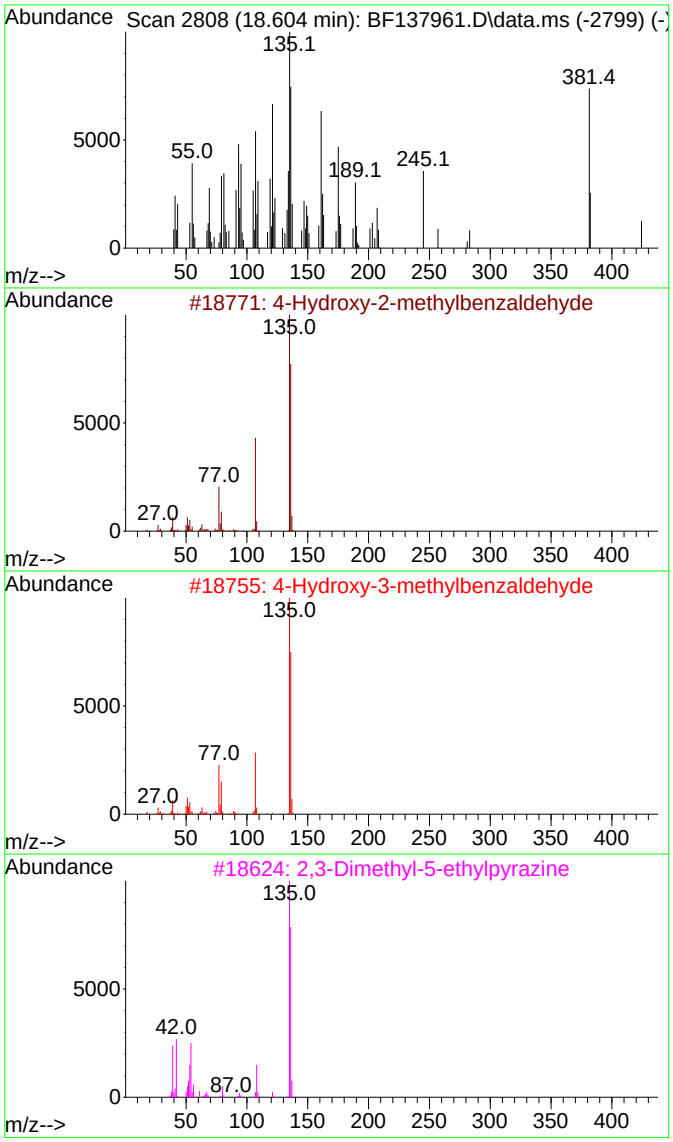
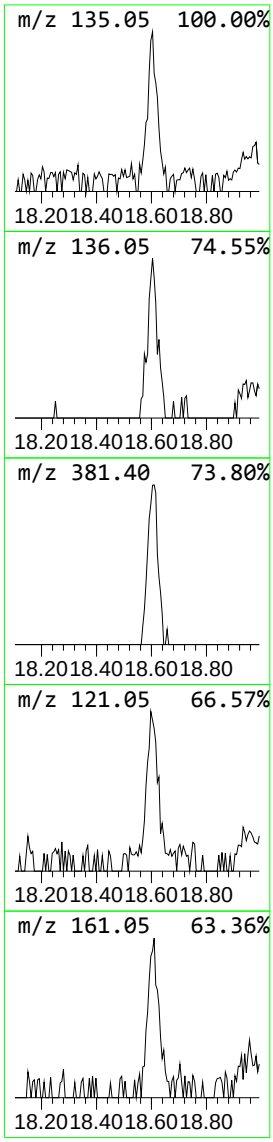
Peak Number 5 unknown18.604 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	2.01 ng	92725	Perylene-d12	15.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	35
2	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	35
3	2,3-Dimethyl-5-ethylpyrazine	136	C8H12N2	015707-34-3	25
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	25
5	Pyrazine, 2,5-diethyl-	136	C8H12N2	013238-84-1	22





Tentatively Identified Compound (LSC) summary

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.393	42.3	ng	1591930	1	7.040	753291	20.0
1-Tridecanethiol	14.080	2.3	ng	92578	5	14.222	803267	20.0
Hexacosane	14.669	2.8	ng	113500	5	14.222	803267	20.0
unknown18.604	18.604	2.0	ng	92725	6	15.786	923078	20.0