LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040888.D
Acq On : 12 May 2019 00:17
Operator : HP/JU
Sample : K2769-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190506

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_G\METHODS\8270-BG042319.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	3.147	4	10	18	rBV	254659	491765	8.93%	1.915%
2	3.223	18	23	37	rVB	745668	1128528	20.50%	4.396%
3	5.661	432	438	451	rVB	497474	796297	14.46%	3.102%
4	7.271	704	712	723	rBV	331730	572050	10.39%	2.228%
5	7.659	770	778	787	rBV	869449	1504690	27.33%	5.861%
6	8.129	852	858	869	rVB	194676	334911	6.08%	1.304%
7	8.458	905	914	922	rBV	772562	1338035	24.30%	5.212%
8	9.310	1051	1059	1067	rBV	701653	1248648	22.68%	4.863%
9	10.955	1332	1339	1353	rVB	260969	456175	8.29%	1.777%
10	13.388	1744	1753	1763	rBV	1947981	3064740	55.67%	11.937%
11	14.762	1980	1987	1993	rBV2	444723	706979	12.84%	2.754%
12	16.249	2232	2240	2250	rBV	1930125	2903261	52.74%	11.308%
13	17.506	2448	2454	2462	rBV2	680633	1013717	18.41%	3.948%
14	18.147	2558	2563	2575	rBV	466637	638765	11.60%	2.488%
15	18.581	2630	2637	2642	rBV	915038	1261644	22.92%	4.914%
16	18.628	2642	2645	2648	rVB3	52742	75242	1.37%	0.293%
17	20.103	2889	2896	2903	rBV	4184972	5505337	100.00%	21.443%
18	21.790	3175	3183	3193	rBV	700960	1207830	21.94%	4.704%
19	22.565	3308	3315	3320	rBV2	39139	76272	1.39%	0.297%
20	23.276	3432	3436	3444	rVB2	38152	68783	1.25%	0.268%
21	24.116	3573	3579	3586	rVB6	32304	75254	1.37%	0.293%
22	25.139	3740	3753	3764	rVB2	385292	1205155	21.89%	4.694%

Sum of corrected areas: 25674078

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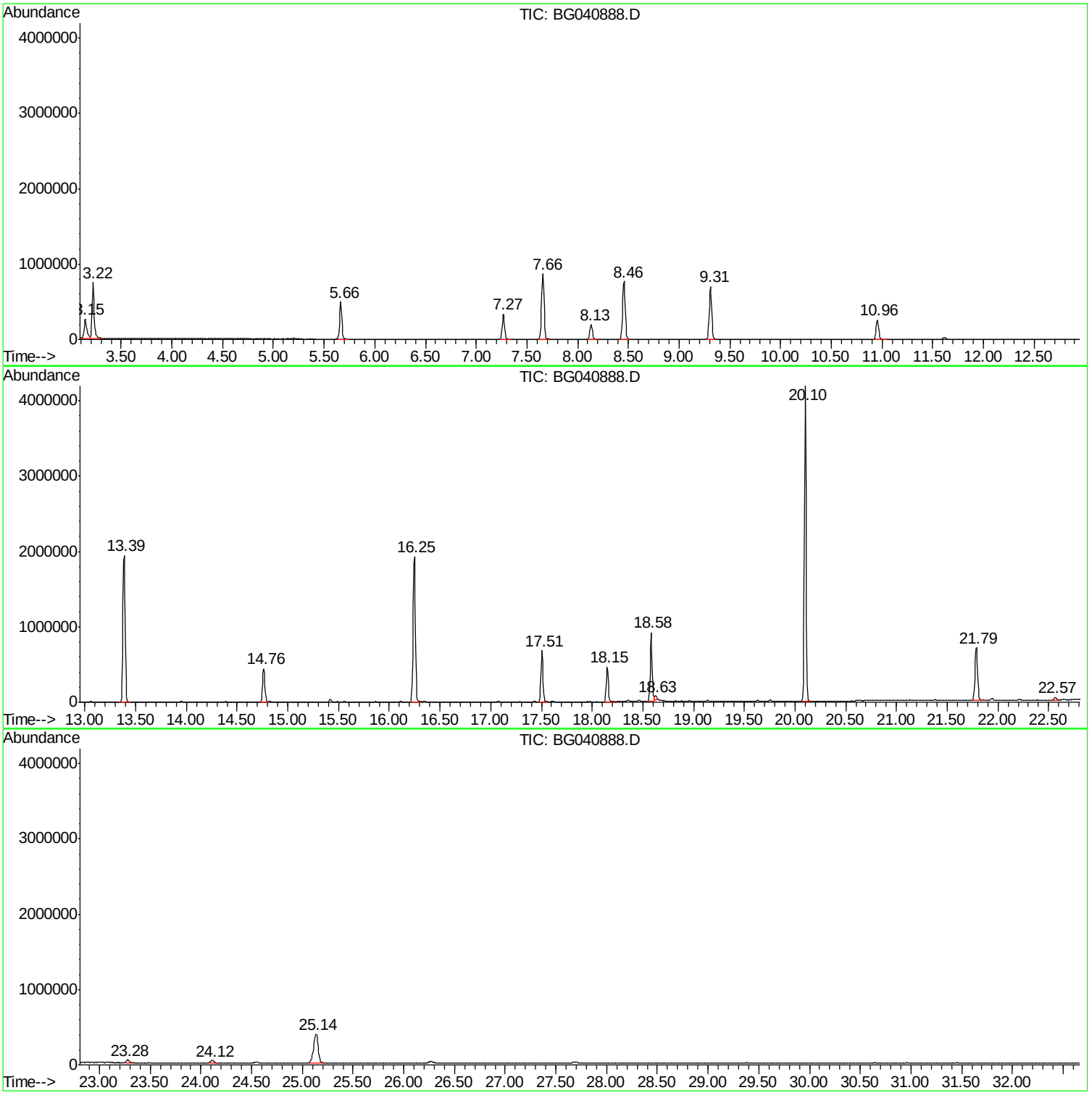
ClientSampleId :
RB-190506

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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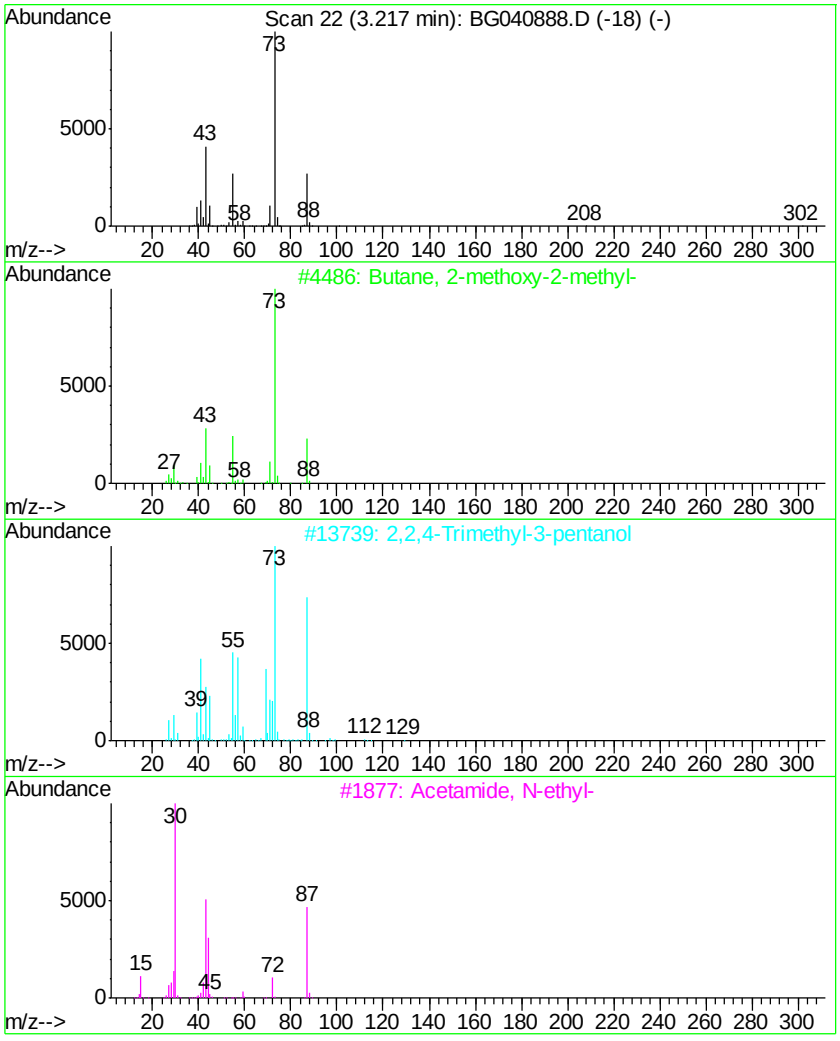
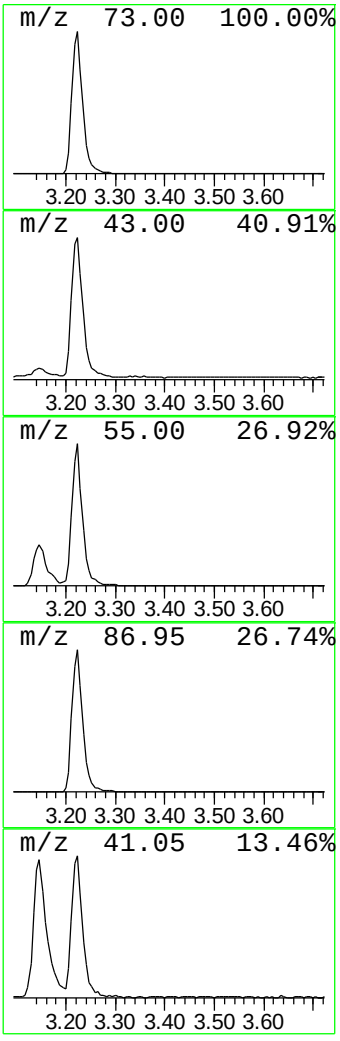
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	67.39 ng	1128530	1,4-Dichlorobenzene-d4	8.13

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190506

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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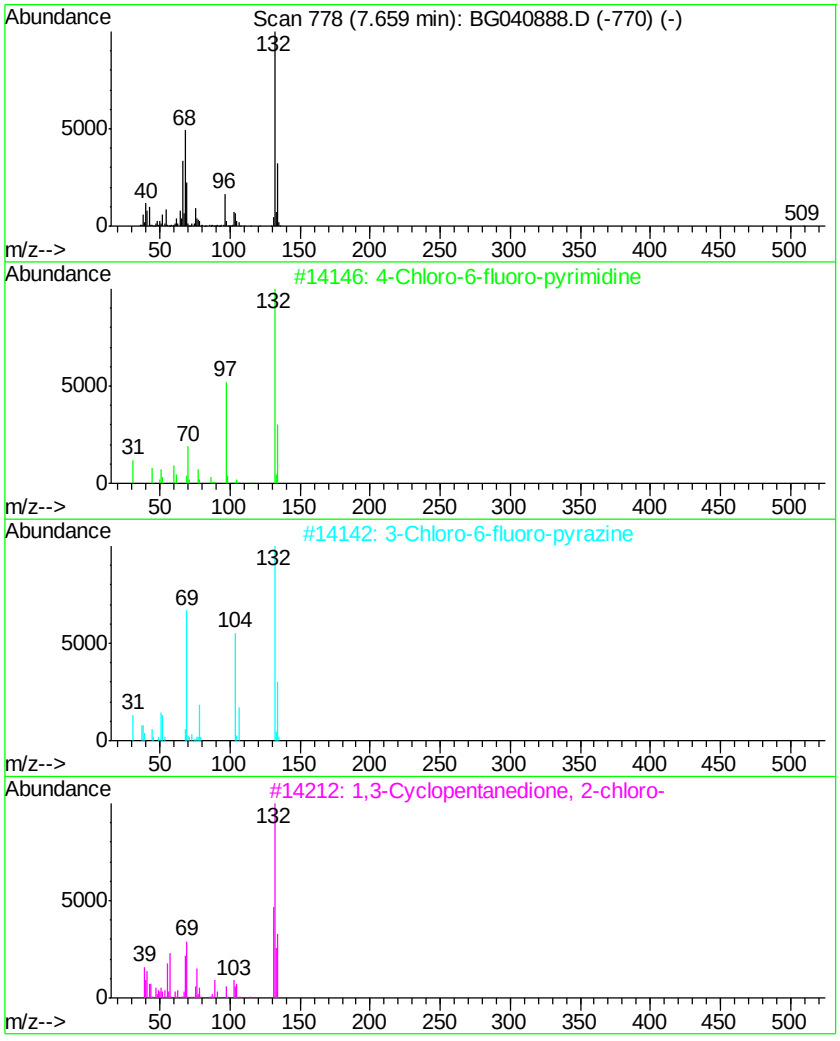
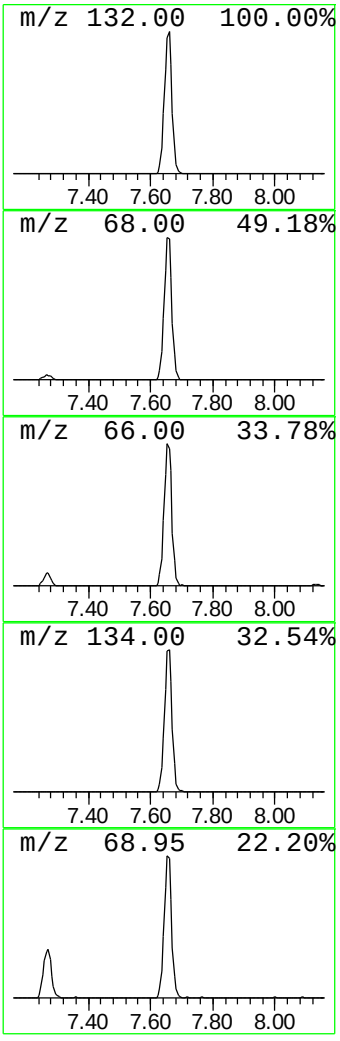
Peak Number 3 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	89.86 ng	1504690	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Library Search Compound Report

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Data File : BG040888.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190506

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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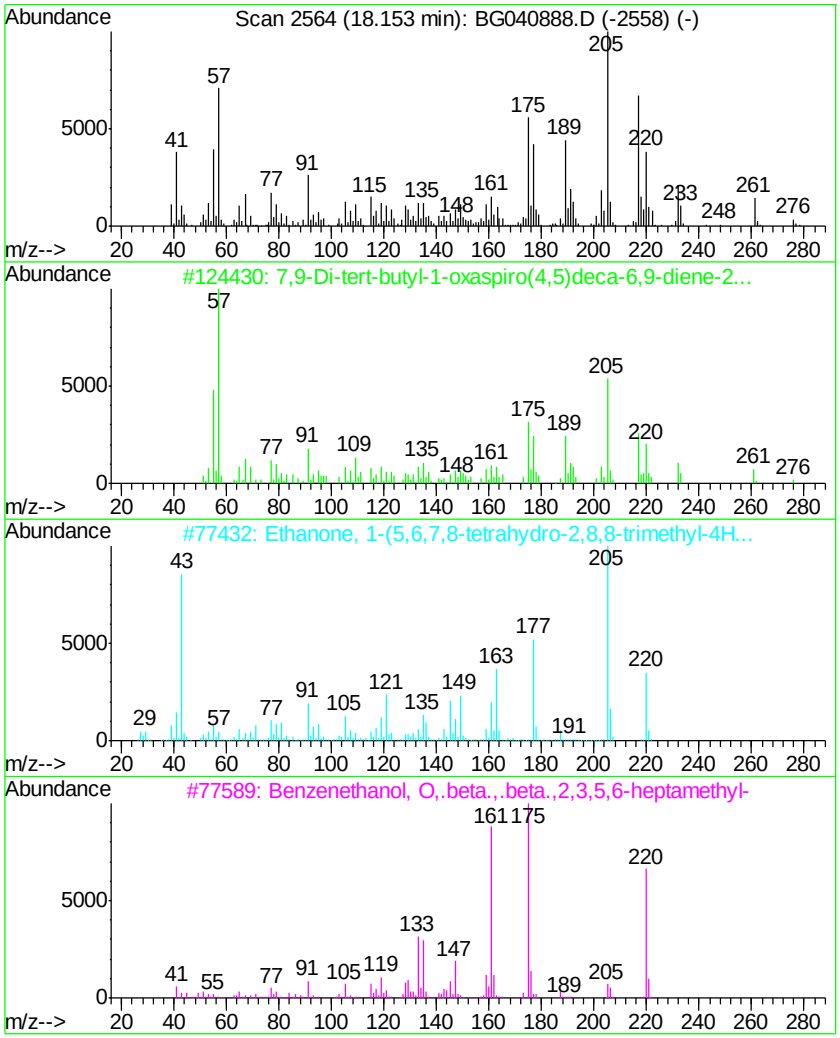
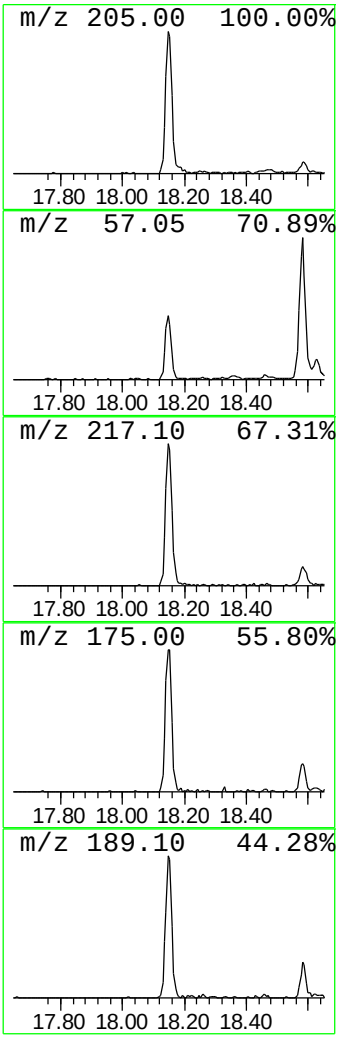
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	12.60 ng	638765	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
3	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	44
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38





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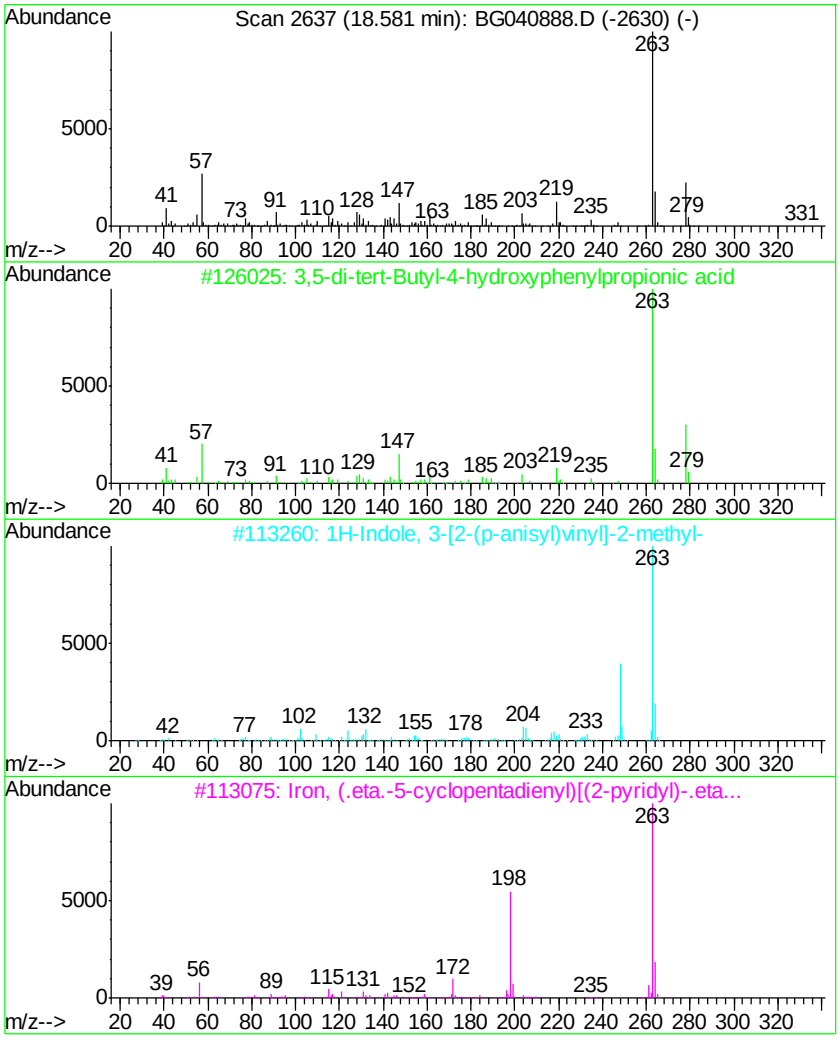
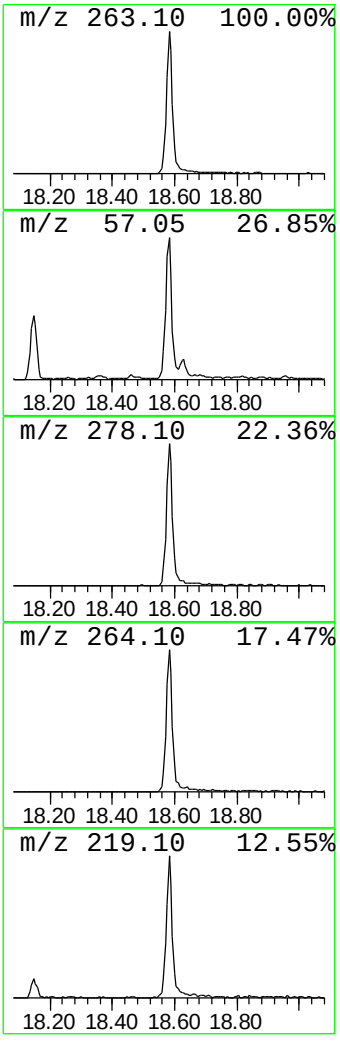
****

Peak Number 6 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	24.89 ng	1261640	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	1H-Indole, 3-[2-(p-anisyl)vinyl]...	263	C18H17NO	1000164-15-4	50
3	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	49
4	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	45
5	4,6-Dinitro-1,1,3,3,5-pentamethy...	278	C14H18N2O4	000116-66-5	45





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.22	67.4	ng	1128530	1	8.13	334911	20.0
unknown7.66	7.66	89.9	ng	1504690	1	8.13	334911	20.0
7,9-Di-tert-butyl...	18.15	12.6	ng	638765	4	17.51	1013720	20.0
3,5-di-tert-Butyl...	18.58	24.9	ng	1261640	4	17.51	1013720	20.0