LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038744.D
Acq On : 20 Dec 2018 2:21
Operator : JU/SJ
Sample : J6446-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181214

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-BG121218.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	3.182	12	16	29	rVB2	23936	42058	1.79%	0.450%
2	5.603	420	428	443	rVB	194020	328595	13.99%	3.513%
3	7.207	693	701	713	rBV	124350	220449	9.39%	2.357%
4	7.583	757	765	774	rBV	370820	665071	28.32%	7.111%
5	8.053	839	845	853	rBV	86661	148846	6.34%	1.592%
6	8.376	893	900	911	rBV	325854	595252	25.34%	6.365%
7	9.234	1038	1046	1055	rBV	299720	551873	23.50%	5.901%
8	10.873	1318	1325	1333	rBV	109194	202193	8.61%	2.162%
9	13.311	1732	1740	1753	rBV	820266	1302468	55.45%	13.927%
10	14.692	1968	1975	1985	rBV2	182155	312788	13.32%	3.344%
11	16.185	2222	2229	2244	rBV2	712666	1133872	48.28%	12.124%
12	17.442	2436	2443	2456	rVB	269974	413454	17.60%	4.421%
13	18.082	2547	2552	2557	rBV2	60626	76439	3.25%	0.817%
14	18.523	2622	2627	2631	rBV	47912	70801	3.01%	0.757%
15	18.817	2672	2677	2682	rBV2	21339	27942	1.19%	0.299%
16	20.045	2879	2886	2895	rBV	1670879	2348712	100.00%	25.113%
17	21.719	3164	3171	3182	rBV	285171	474045	20.18%	5.069%
18	25.015	3722	3732	3746	rVB	149948	437579	18.63%	4.679%

Sum of corrected areas: 9352437

LSC Report - Integrated Chromatogram

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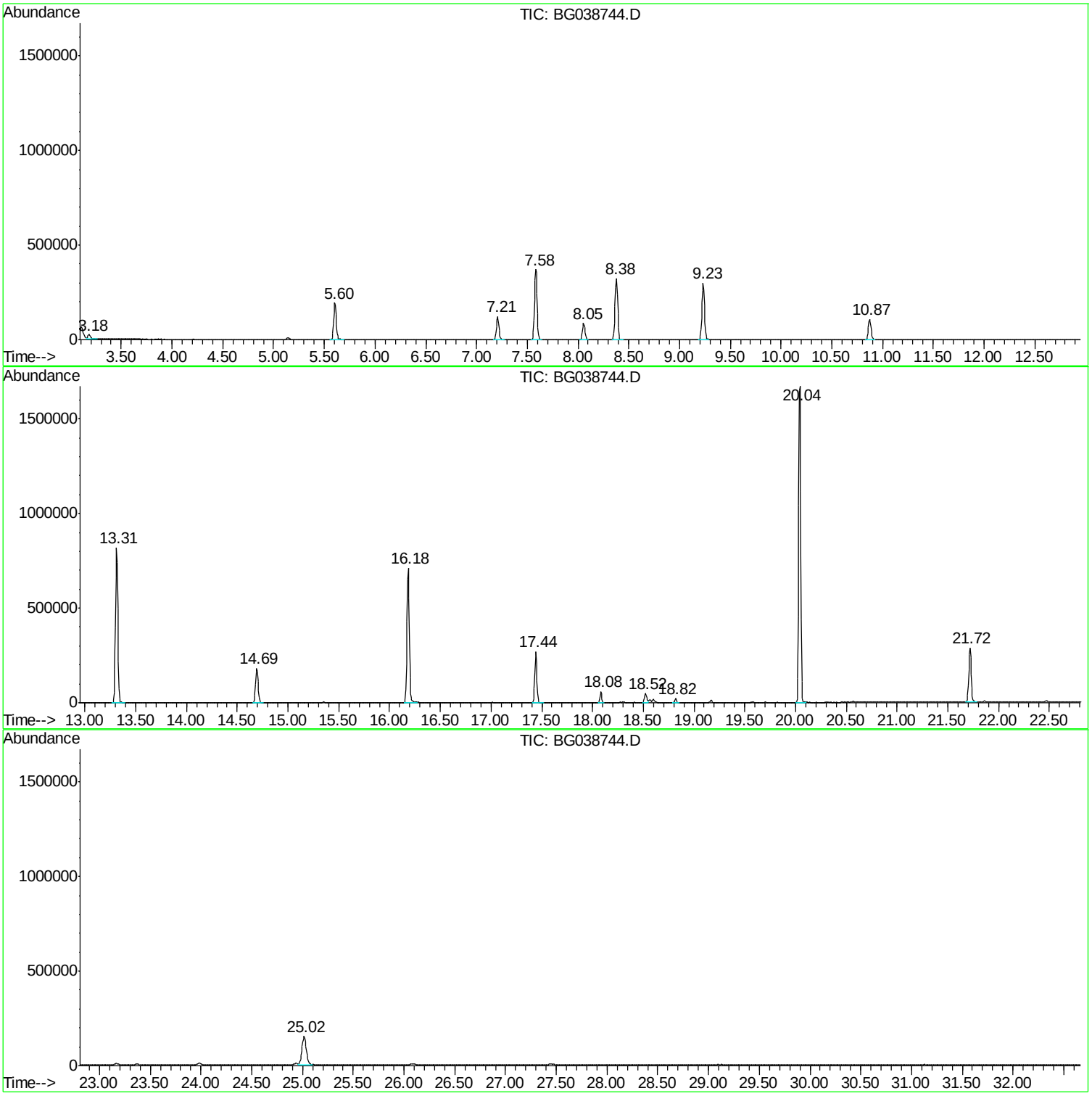
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-RB-181214

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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Data File : BG038744.D
Acq On : 20 Dec 2018 2:21
Operator : JU/SJ
Sample : J6446-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181214

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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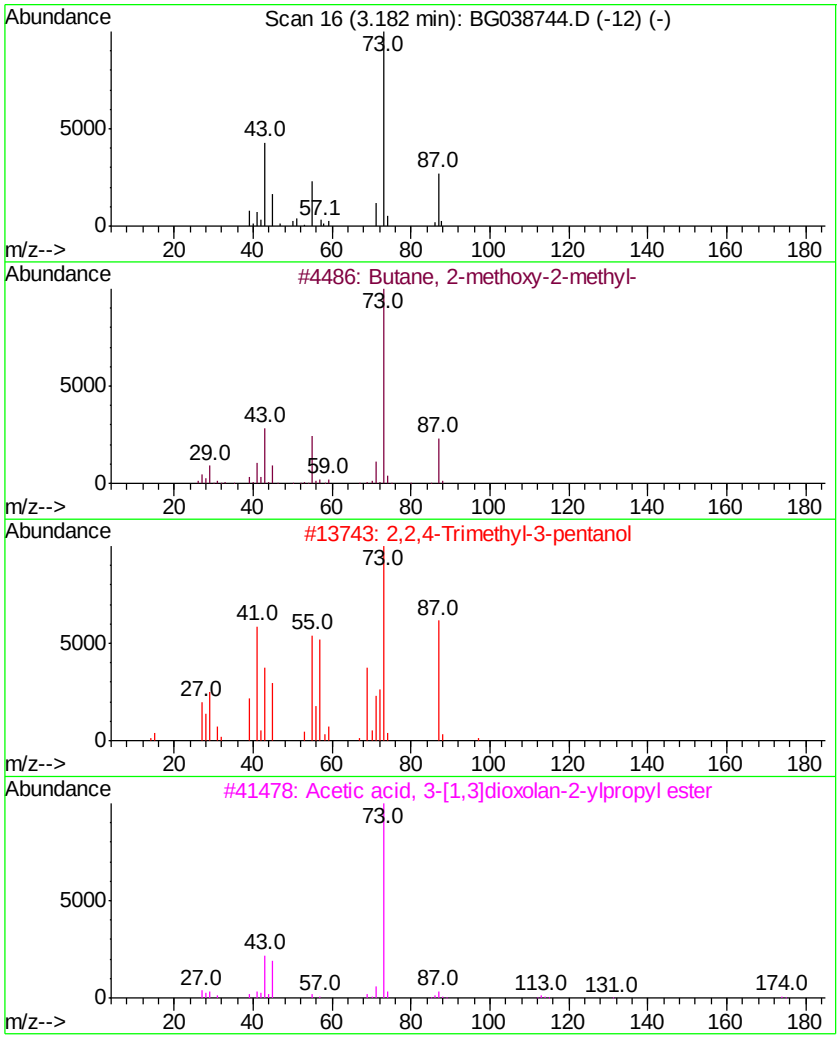
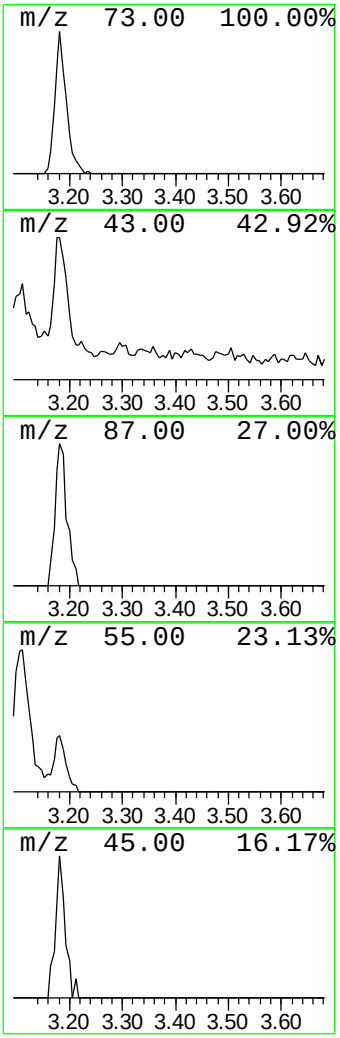
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	5.65 ng	42058	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J6446-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181214

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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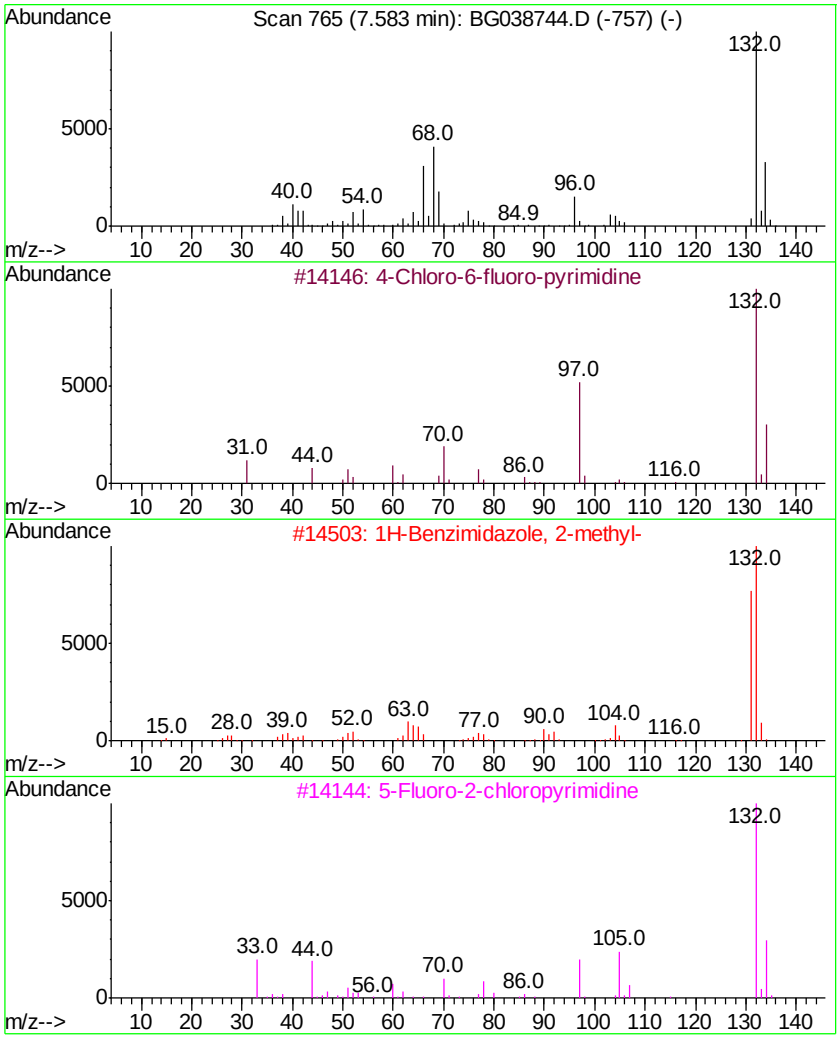
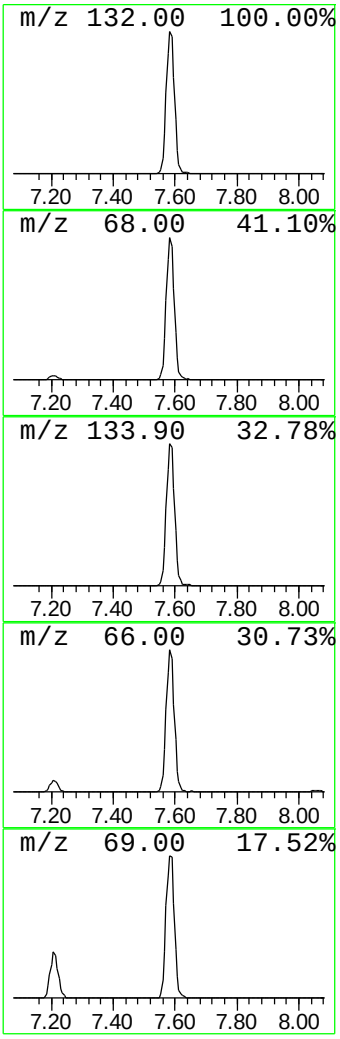
Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	89.36 ng	665071	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181214

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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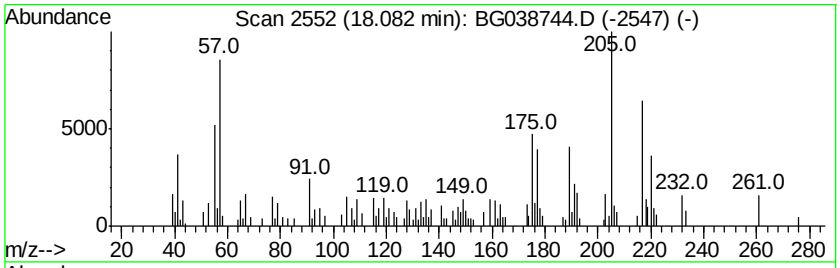
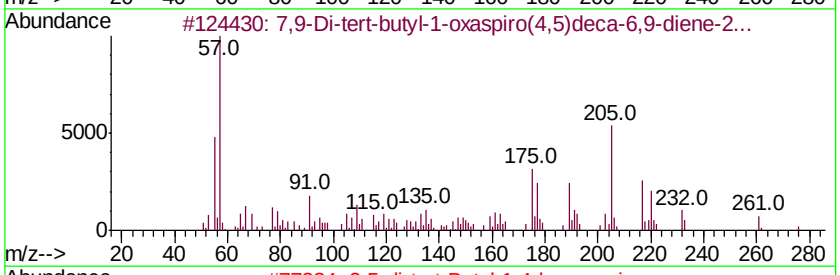
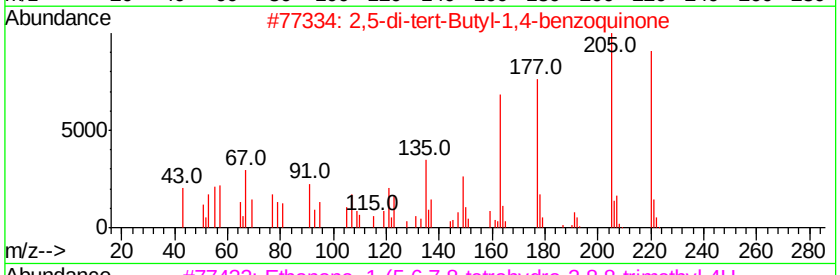
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

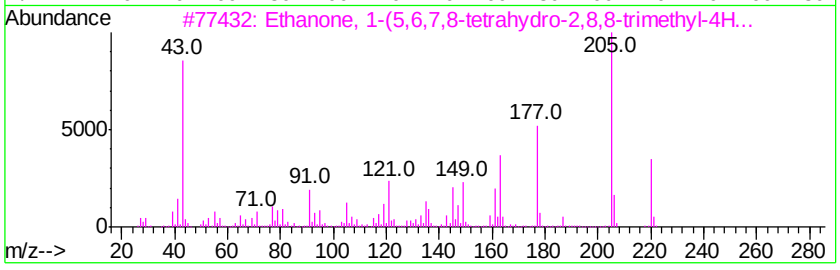
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.70 ng	76439	Phenanthrene-d10	17.44

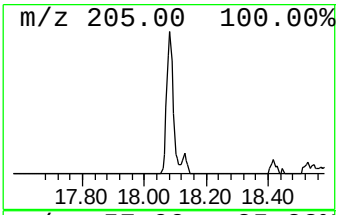
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	72
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	41
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38

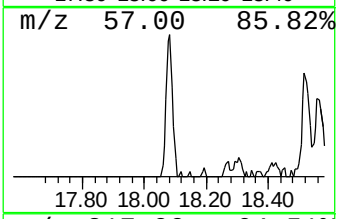


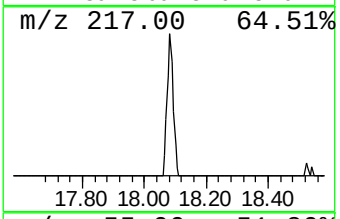


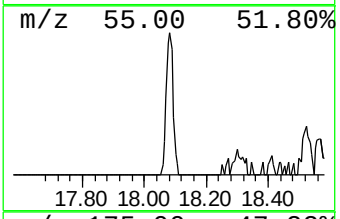


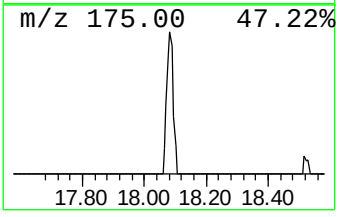












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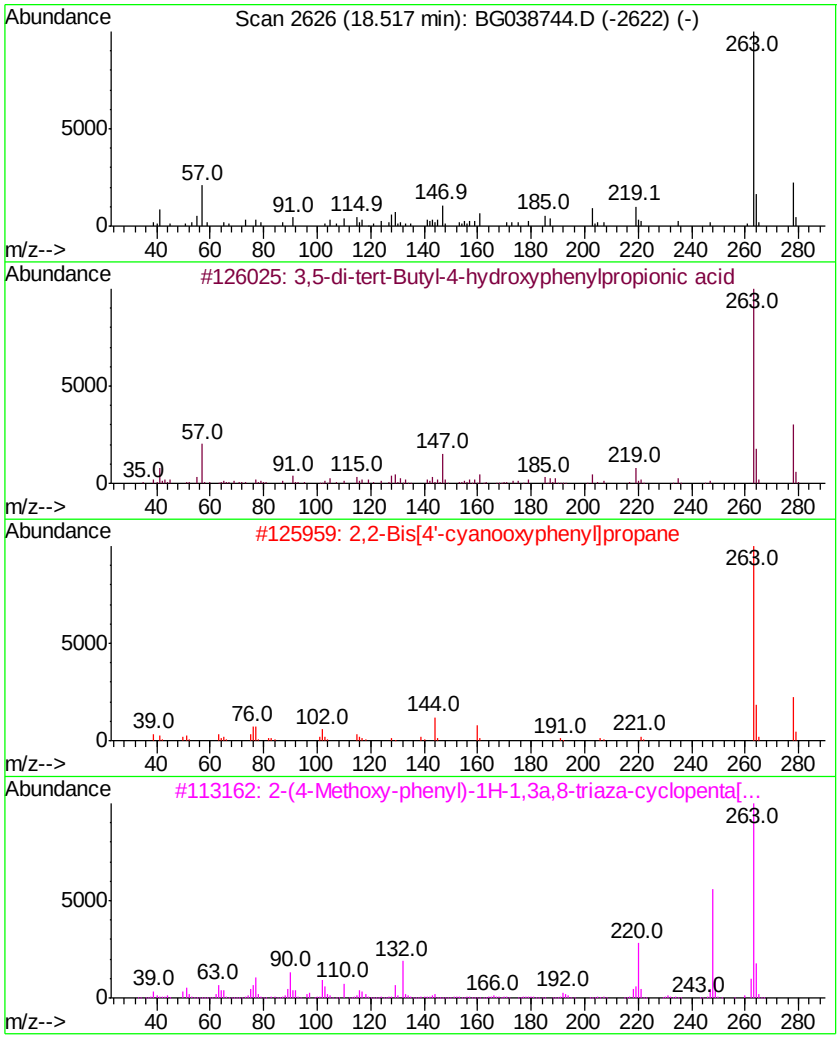
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

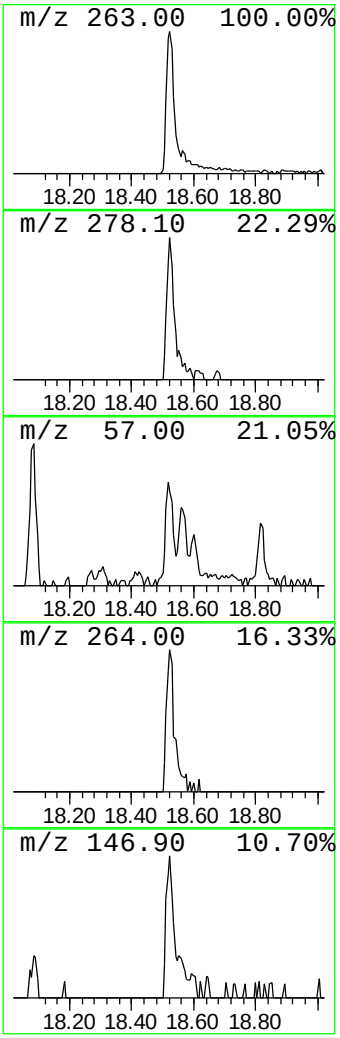
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.42 ng	70801	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenv...	278	C17H26O3	020170-32-5	98
2	2,2-Bis[4'-cyanooxyphenyl]propane	278	C17H14N2O2	1000322-13-3	59
3	2-(4-Methoxy-phenyl)-1H-1,3a,8-t...	263	C16H13N3O	036289-23-3	53
4	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	53
5	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	49





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...	3.18	5.7	ng	42058	1	8.05	148846	20.0
unknown7.58	7.58	89.4	ng	665071	1	8.05	148846	20.0
7,9-Di-tert-butyl...	18.08	3.7	ng	76439	4	17.44	413454	20.0
3,5-di-tert-Butyl...	18.52	3.4	ng	70801	4	17.44	413454	20.0