LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040887.D
Acq On : 11 May 2019 23:39
Operator : HP/JU
Sample : K2769-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190508

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	3.141	4	9	18	rBV	296914	578629	9.78%	2.136%
2	3.217	18	22	37	rVB	794709	1228929	20.77%	4.537%
3	5.662	431	438	448	rBV	548061	881340	14.90%	3.254%
4	7.266	704	711	721	rBV	370261	630817	10.66%	2.329%
5	7.653	769	777	785	rBV	970330	1691862	28.60%	6.247%
6	8.135	851	859	868	rBV	208378	368923	6.24%	1.362%
7	8.458	905	914	923	rBV	850819	1476748	24.96%	5.452%
8	9.310	1050	1059	1071	rBV	780942	1391581	23.52%	5.138%
9	10.955	1332	1339	1350	rBV	280206	497280	8.41%	1.836%
10	13.388	1743	1753	1760	rBV	2129386	3279637	55.44%	12.109%
11	14.763	1980	1987	1995	rBV2	463695	753173	12.73%	2.781%
12	16.249	2232	2240	2248	rBV	2028915	3074839	51.98%	11.353%
13	17.507	2447	2454	2464	rBV	714924	1061464	17.94%	3.919%
14	18.147	2557	2563	2574	rBV2	279377	387681	6.55%	1.431%
15	18.582	2630	2637	2642	rBV	879591	1213222	20.51%	4.479%
16	18.623	2642	2644	2648	rVB3	45172	62378	1.05%	0.230%
17	20.104	2889	2896	2903	rBV	4271867	5915959	100.00%	21.842%
18	21.784	3175	3182	3190	rBV2	760465	1260620	21.31%	4.654%
19	24.105	3574	3577	3586	rVB4	27041	60480	1.02%	0.223%
20	25.133	3740	3752	3765	rVB2	419328	1269374	21.46%	4.687%

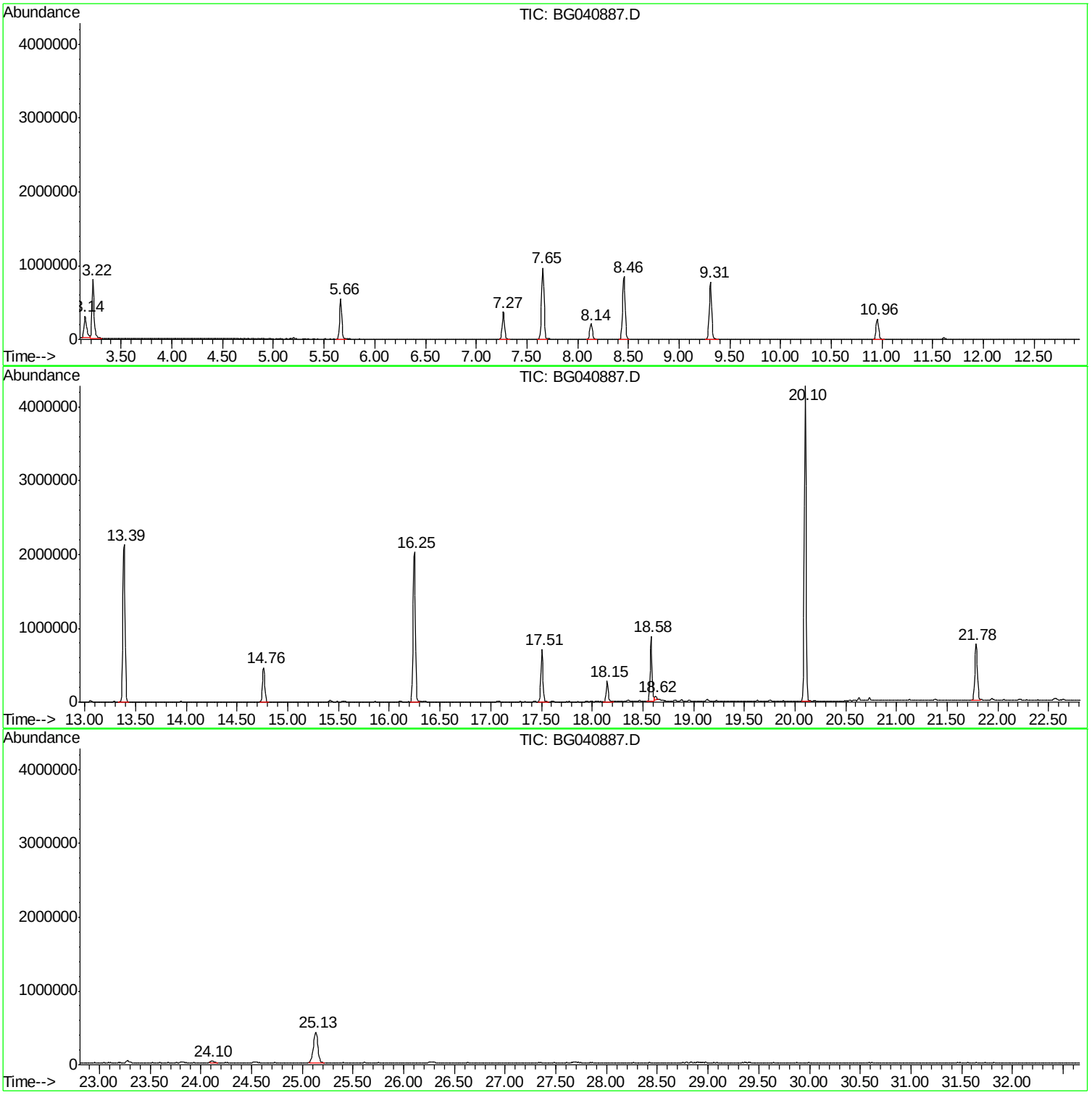
Sum of corrected areas: 27084936

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040887.D
Acq On : 11 May 2019 23:39
Operator : HP/JU
Sample : K2769-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-190508

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040887.D
Acq On : 11 May 2019 23:39
Operator : HP/JU
Sample : K2769-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190508

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

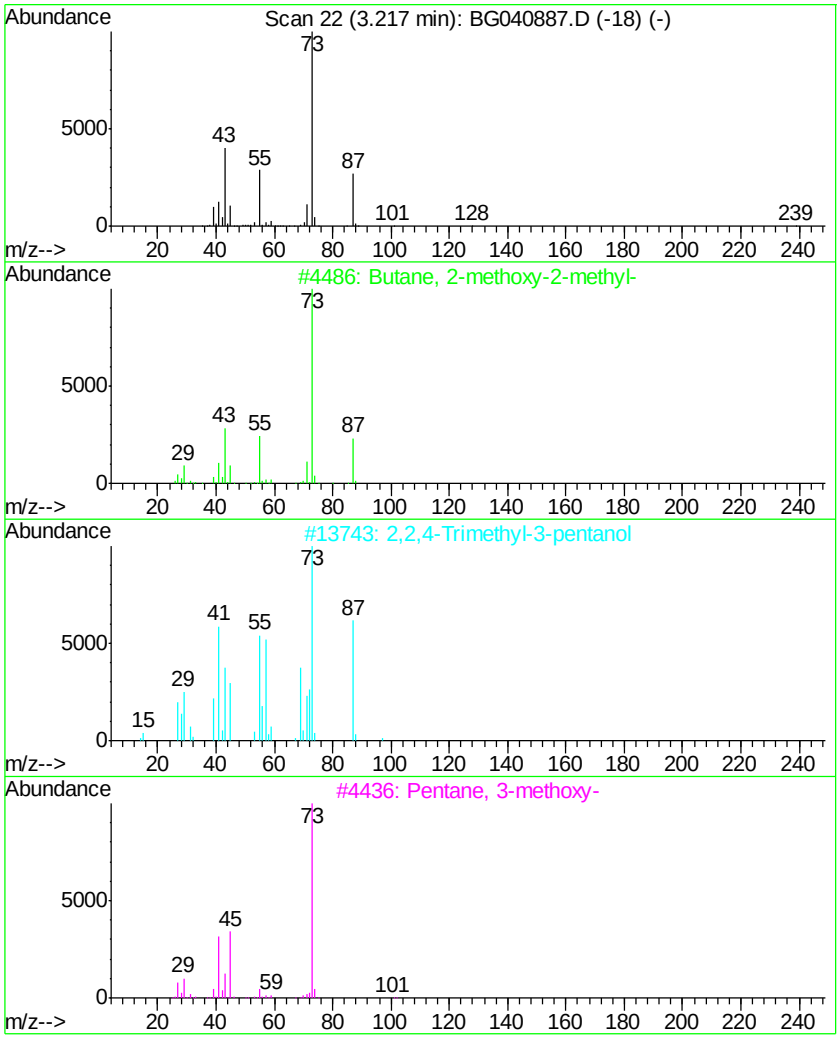
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

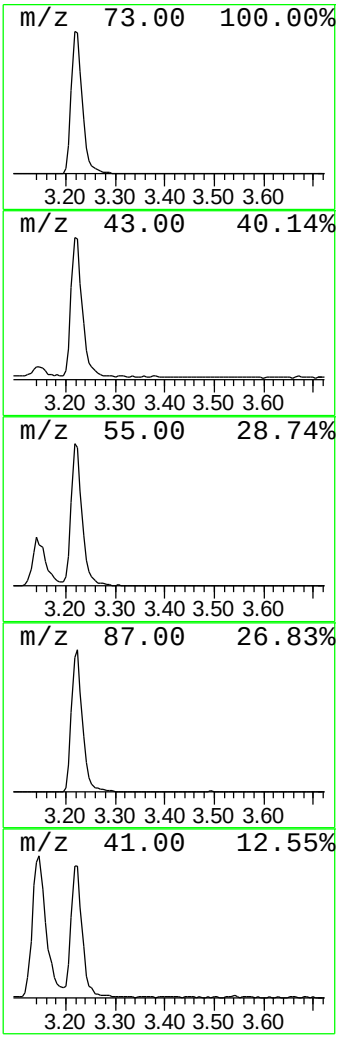
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	66.62 ng	1228930	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040887.D
Acq On : 11 May 2019 23:39
Operator : HP/JU
Sample : K2769-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190508

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

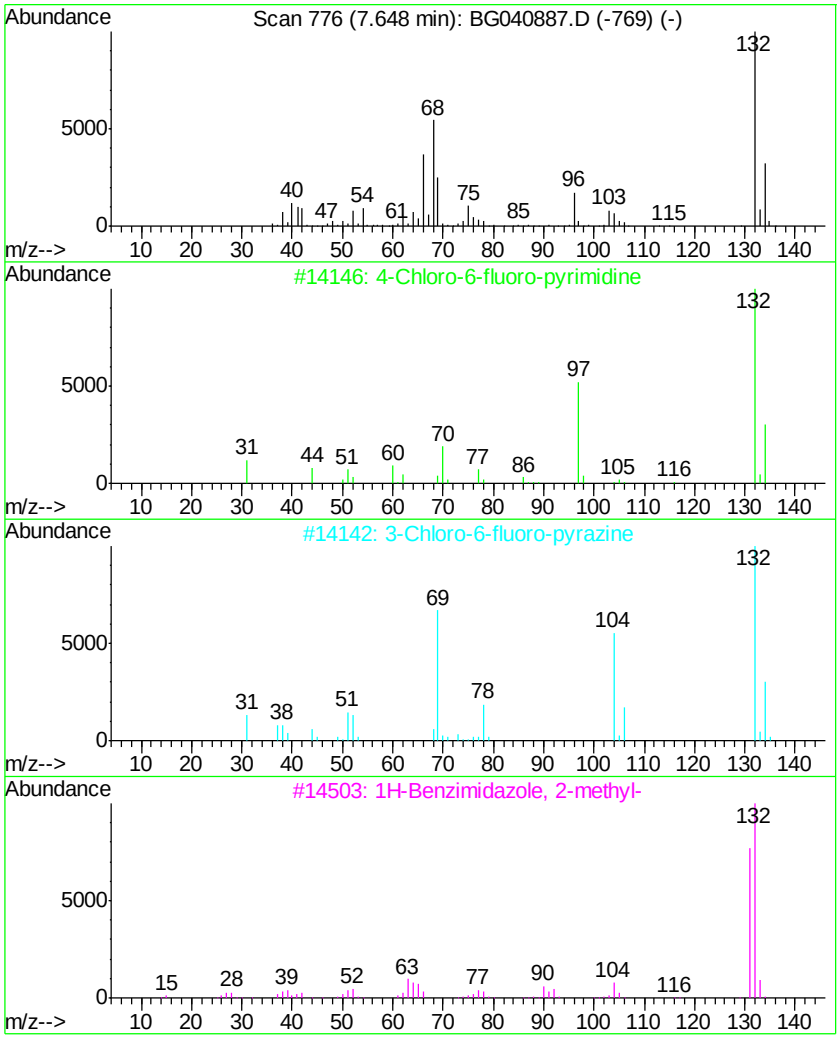
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

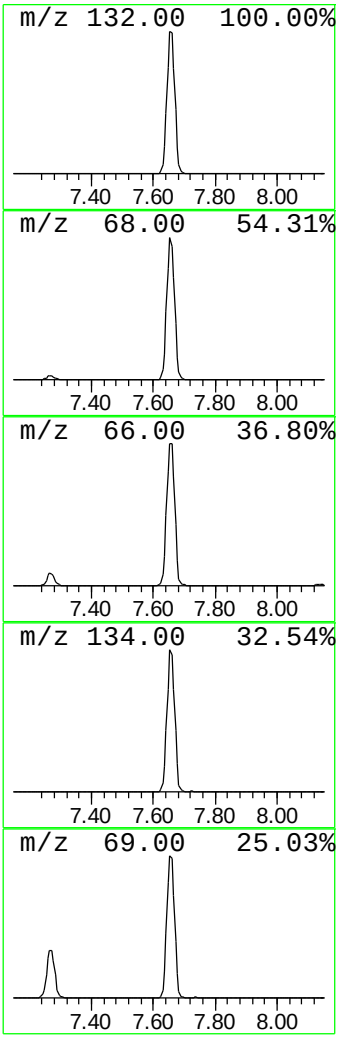
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	91.72 ng	1691860	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040887.D
Acq On : 11 May 2019 23:39
Operator : HP/JU
Sample : K2769-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190508

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

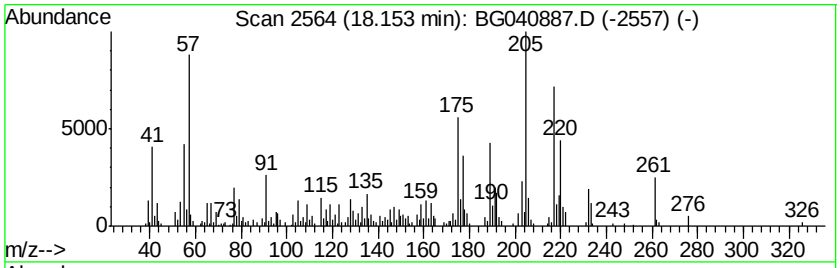
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

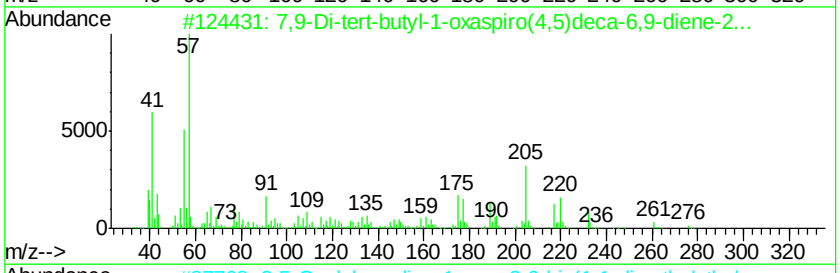
****

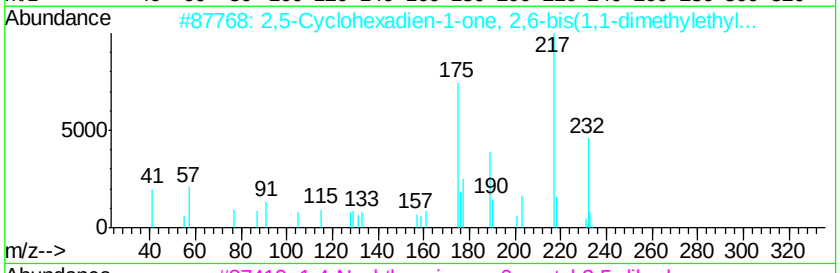
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

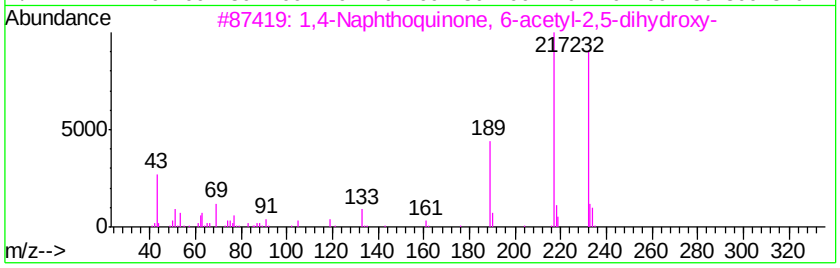
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	7.30 ng	387681	Phenanthrene-d10	17.51

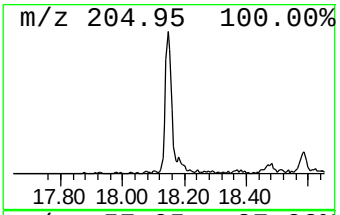
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	47
3	1,4-Naphthoquinone, 6-acetyl-2,5...	232	C12H8O5	013378-90-0	38
4	3-Acetylphenanthrene	220	C16H12O	002039-76-1	38
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38

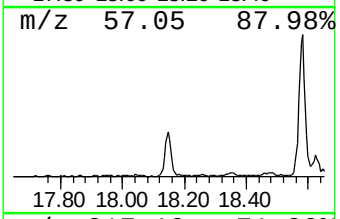


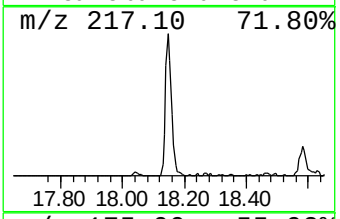


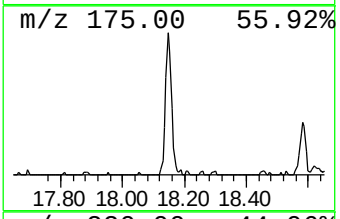


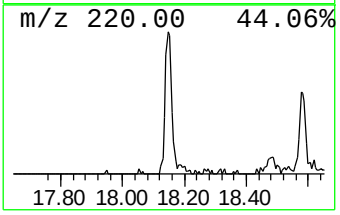












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040887.D
Acq On : 11 May 2019 23:39
Operator : HP/JU
Sample : K2769-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190508

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

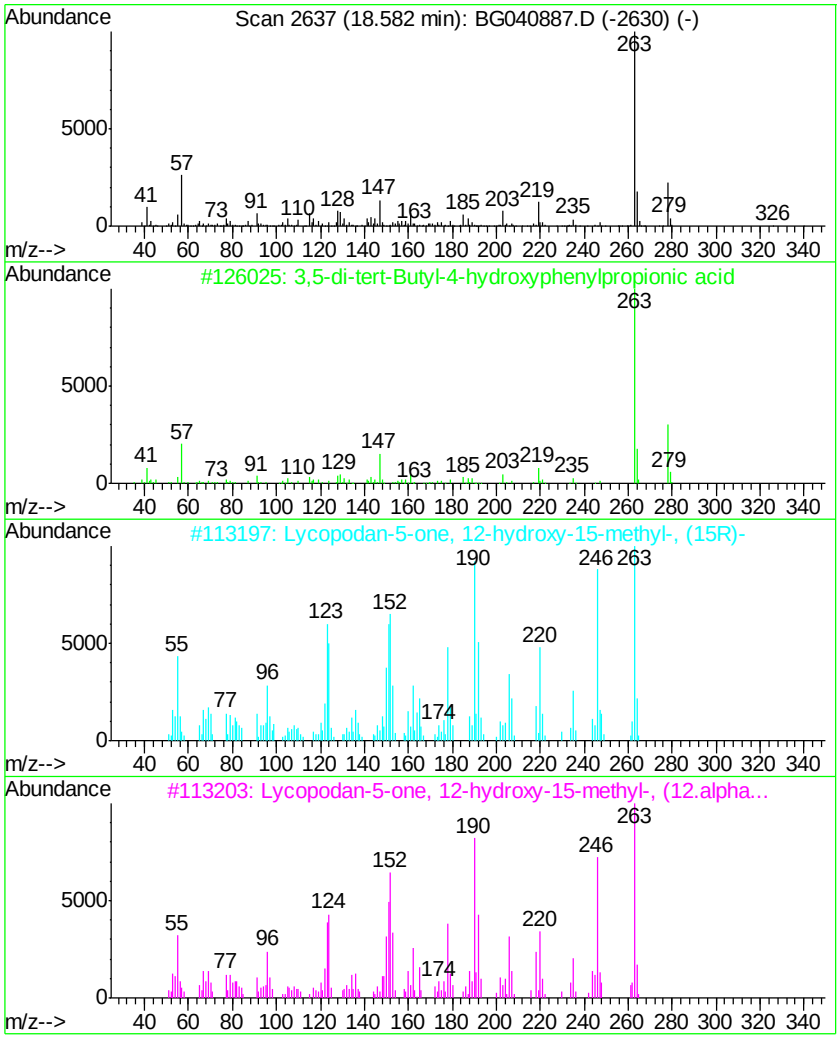
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

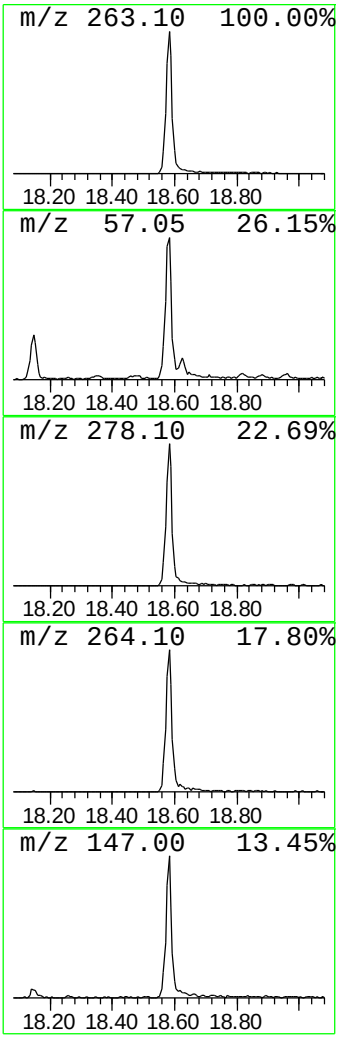
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	22.86 ng	1213220	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	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	92
3	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	90
4	2-(3-Methoxy-5-methylbenzylidene...	278	C19H18O2	113649-25-5	64
5	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040887.D
Acq On : 11 May 2019 23:39
Operator : HP/JU
Sample : K2769-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-190508

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.22	66.6	ng	1228930	1	8.13	368923	20.0
unknown7.65	7.65	91.7	ng	1691860	1	8.13	368923	20.0
7,9-Di-tert-butyl...	18.15	7.3	ng	387681	4	17.51	1061460	20.0
3,5-di-tert-Butyl...	18.58	22.9	ng	1213220	4	17.51	1061460	20.0