LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028703.D
Acq On : 13 Sep 2017 18:05
Operator : SJ/JU
Sample : I5187-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170585-SITEWATER

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_G\METHODS\8270-BG091217.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	5.903	387	394	405	rBV	304600	515567	14.43%	3.798%
2	7.484	656	663	678	rBV	214271	418163	11.70%	3.081%
3	7.866	717	728	740	rBV	486042	898228	25.14%	6.618%
4	8.330	799	807	813	rBV	100053	171639	4.80%	1.265%
5	8.653	855	862	871	rBV	428117	779230	21.81%	5.741%
6	9.499	997	1006	1018	rBV	370282	686678	19.22%	5.059%
7	11.150	1279	1287	1296	rBV2	121952	239500	6.70%	1.765%
8	13.559	1690	1697	1710	rBV	1141249	1778889	49.79%	13.106%
9	14.940	1925	1932	1941	rBV3	232657	383482	10.73%	2.825%
10	16.432	2179	2186	2199	rBV	1065274	1692295	47.37%	12.468%
11	17.689	2394	2400	2408	rBV	339200	554526	15.52%	4.085%
12	18.336	2501	2510	2520	rBV2	190551	275961	7.72%	2.033%
13	18.541	2541	2545	2549	rBV4	33032	43155	1.21%	0.318%
14	19.141	2641	2647	2653	rVB	72225	96596	2.70%	0.712%
15	19.799	2756	2759	2766	rBV6	24933	37508	1.05%	0.276%
16	20.275	2834	2840	2850	rBV	2606499	3572539	100.00%	26.321%
17	22.020	3130	3137	3147	rBV2	373853	700255	19.60%	5.159%
18	23.565	3393	3400	3405	rBV7	27482	56552	1.58%	0.417%
19	25.521	3721	3733	3747	rVB2	221752	672376	18.82%	4.954%

Sum of corrected areas: 13573139

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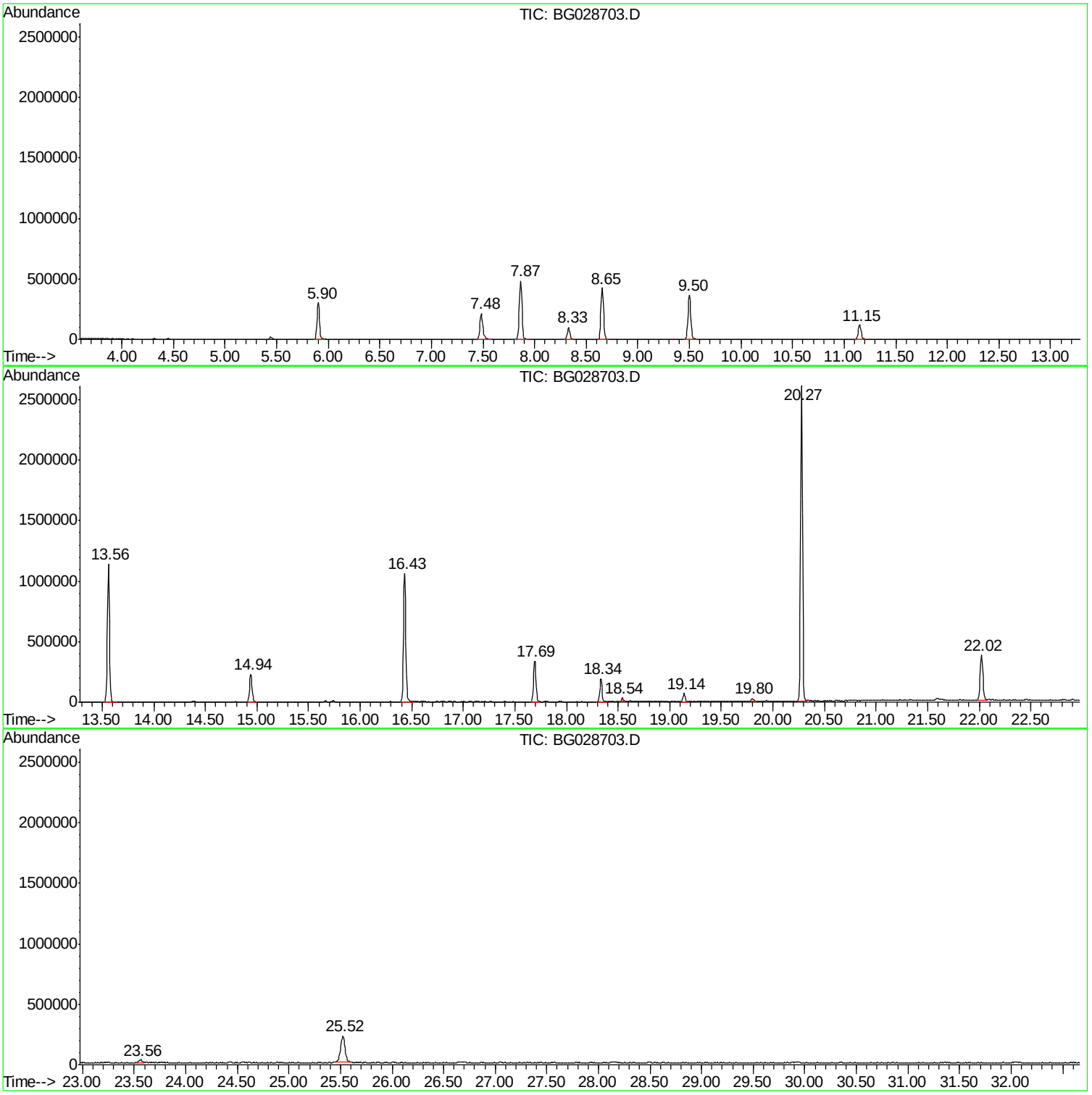
BNA_G
ClientSampleId :
20170585-SITEWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028703.D
Acq On : 13 Sep 2017 18:05
Operator : SJ/JU
Sample : I5187-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170585-SITEWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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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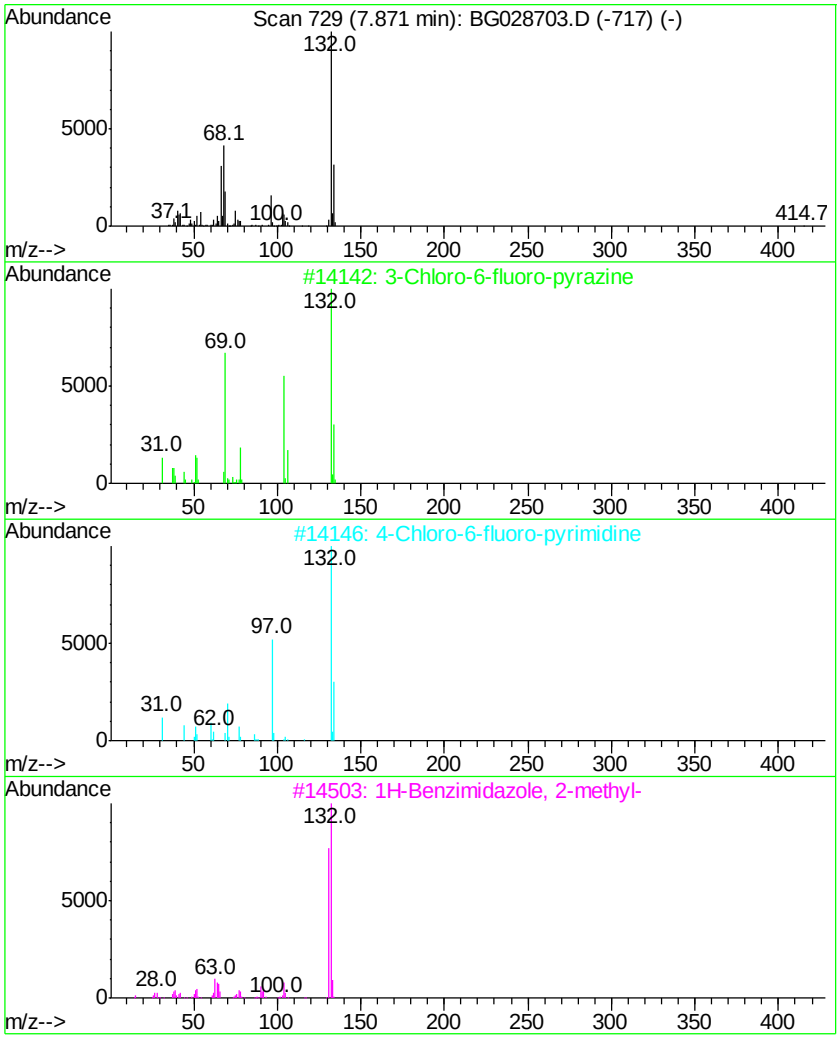
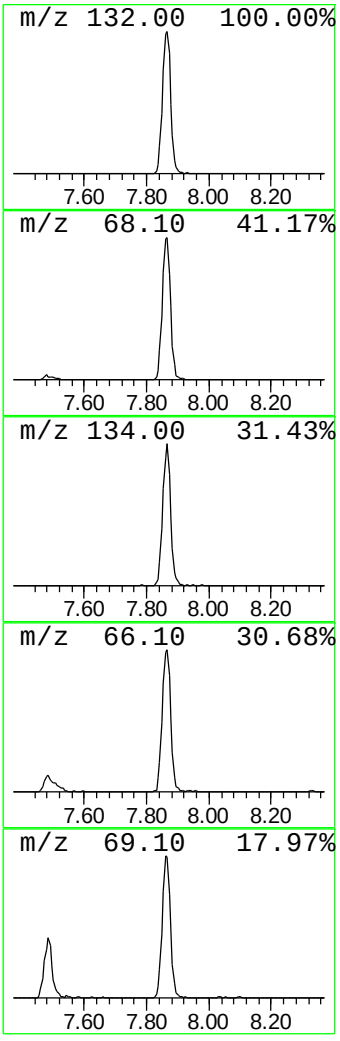
Peak Number 1 unknown7.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	104.67 ng	898228	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
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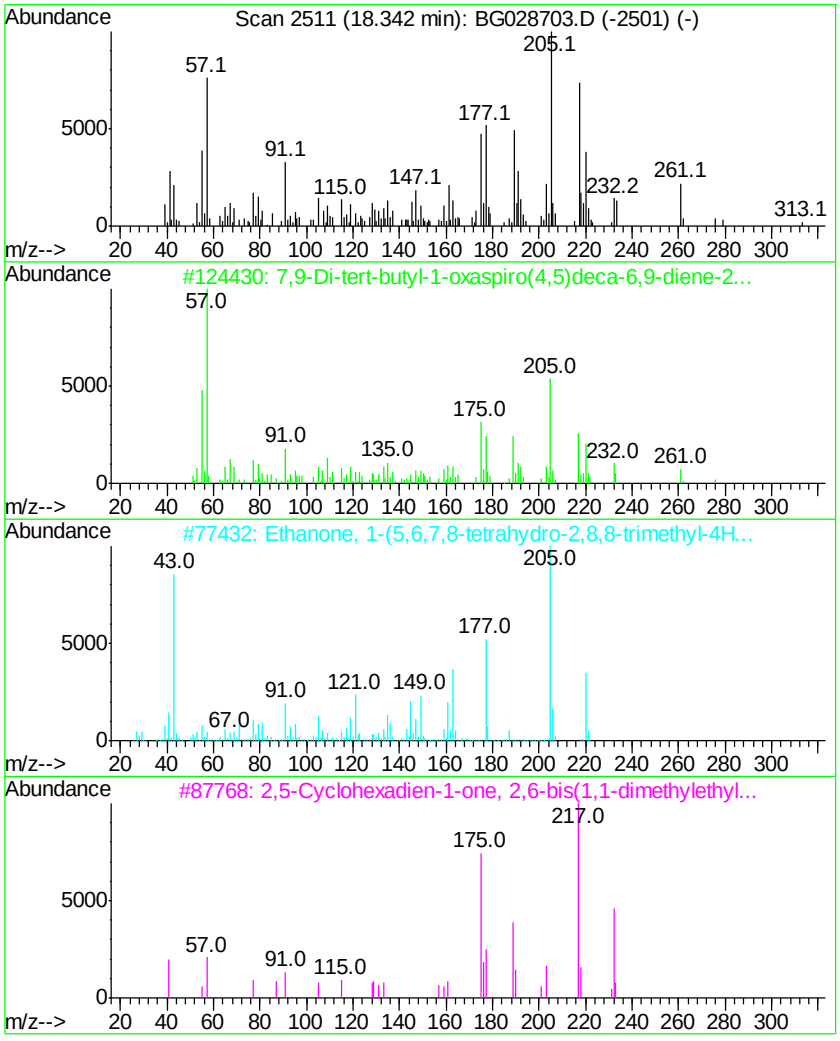
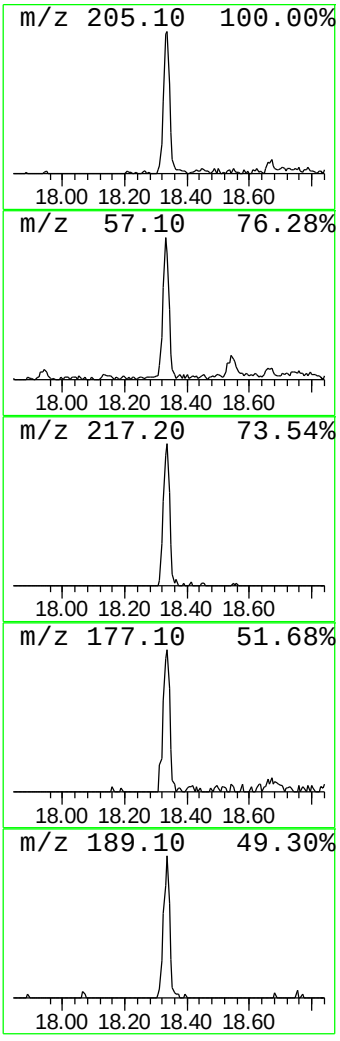
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	9.95 ng	275961	Phenanthrene-d10	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	83
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	80
4	2,4-Dimethyl-5,6-dimethoxy-8-ami...	232	C13H16N2O2	064993-02-8	38
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	38





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Operator : SJ/JU
Sample : I5187-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170585-SITEWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
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TIC Library : C:\Database\NIST11.L
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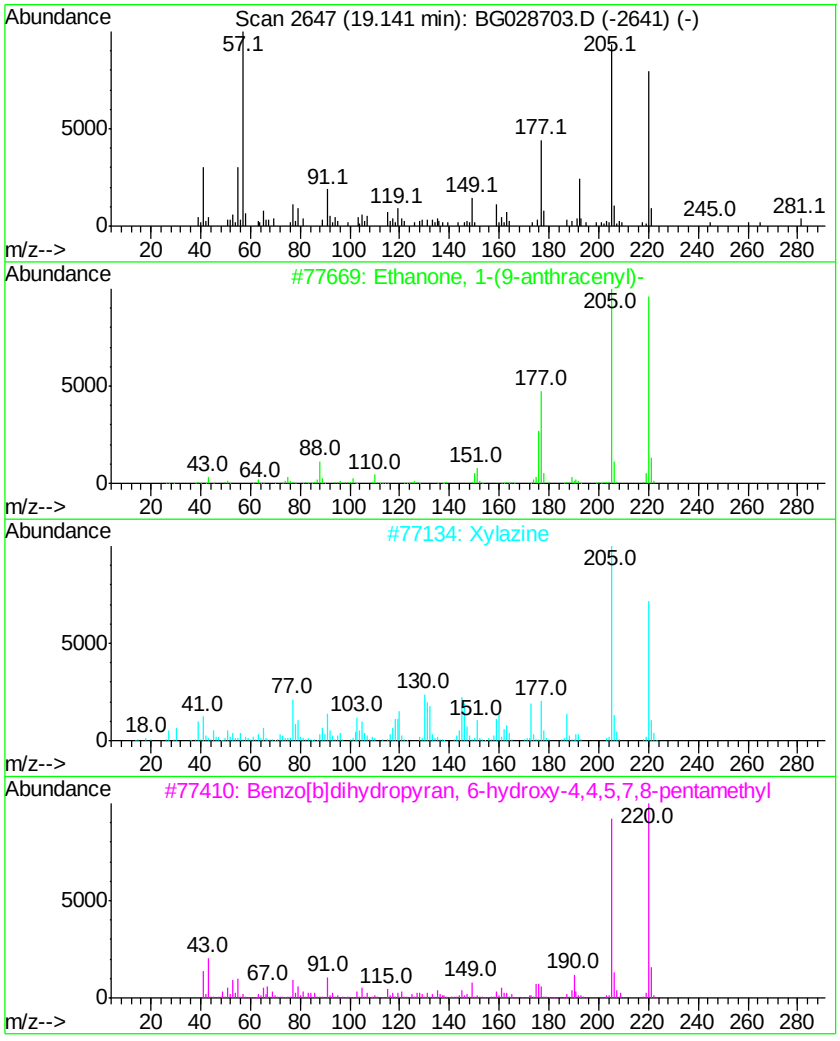
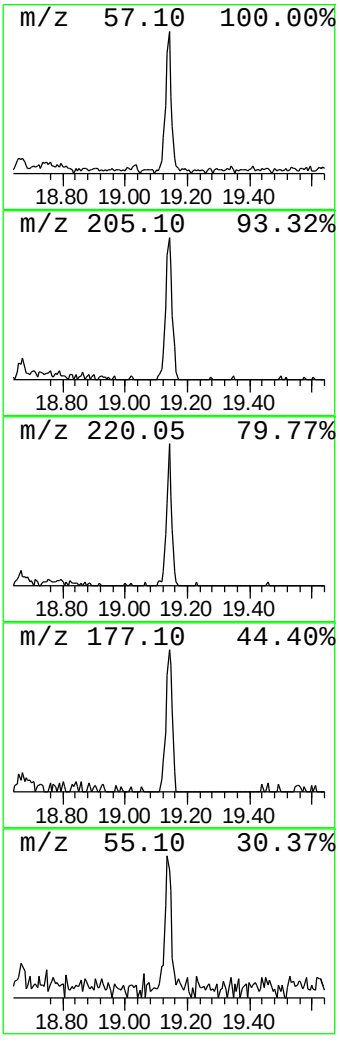
Peak Number 4 Ethanone, 1-(9-anthracenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	3.48 ng	96596	Phenanthrene-d10	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	74
2	Xylazine	220	C12H16N2S	007361-61-7	64
3	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	58
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	50
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	47





Tentatively Identified Compound (LSC) summary

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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.87	7.87	104.7	ng	898228	1	8.33	171639	20.0
7,9-Di-tert-butyl...	18.34	9.9	ng	275961	4	17.69	554526	20.0
Ethanone, 1-(9-an...	19.14	3.5	ng	96596	4	17.69	554526	20.0