LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060248.D
Acq On : 4 Jan 2024 17:00
Operator : MA/JU
Sample : 06038-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK

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-BG122923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060248.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.114	3	4	10	rVB	555875	533445	4.00%	1.111%
2	5.041	325	332	341	rVB	155658	244293	1.83%	0.509%
3	5.511	406	412	424	rBV	572413	938133	7.04%	1.954%
4	7.097	676	682	697	rBV	324284	635464	4.77%	1.324%
5	7.937	817	825	837	rBV	571908	1043110	7.82%	2.173%
6	9.101	1015	1023	1033	rBV	1255423	2313849	17.35%	4.820%
7	10.740	1295	1302	1312	rBV	813860	1514129	11.36%	3.154%
8	11.345	1397	1405	1416	rBV3	79627	168115	1.26%	0.350%
9	13.196	1713	1720	1729	rBV	4244988	6677601	50.08%	13.911%
10	14.577	1948	1955	1962	rBV	1689343	2634027	19.75%	5.487%
11	16.063	2202	2208	2222	rBV	2497278	3839407	28.80%	7.999%
12	16.286	2236	2246	2254	rBV4	408282	904583	6.78%	1.885%
13	17.321	2415	2422	2434	rBV	2310384	3692843	27.70%	7.693%
14	18.214	2569	2574	2583	rBV2	111933	205656	1.54%	0.428%
15	18.319	2588	2592	2599	rVB	175541	241434	1.81%	0.503%
16	19.941	2862	2868	2883	rBV	9584824	13333482	100.00%	27.778%
17	21.234	3084	3088	3095	rBV2	201728	291650	2.19%	0.608%
18	21.586	3141	3148	3160	rBV	2501287	4117191	30.88%	8.577%
19	23.249	3426	3431	3437	rVB3	96915	167260	1.25%	0.348%
20	24.765	3677	3689	3704	rBV	1544935	4505259	33.79%	9.386%

Sum of corrected areas: 48000931

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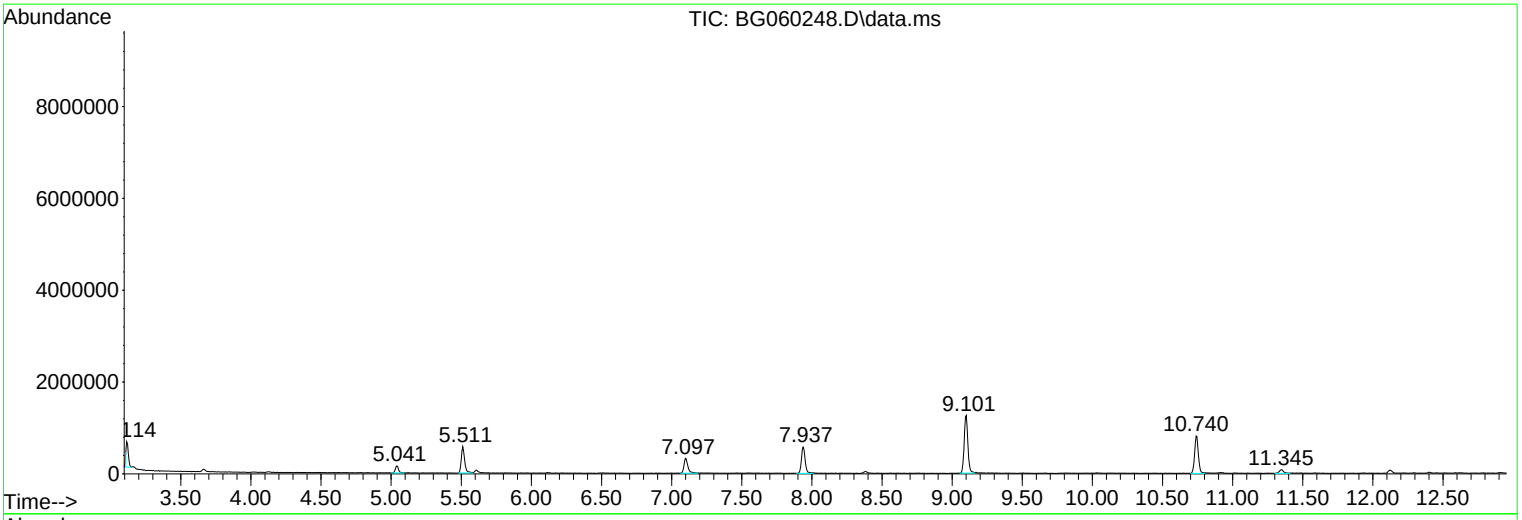
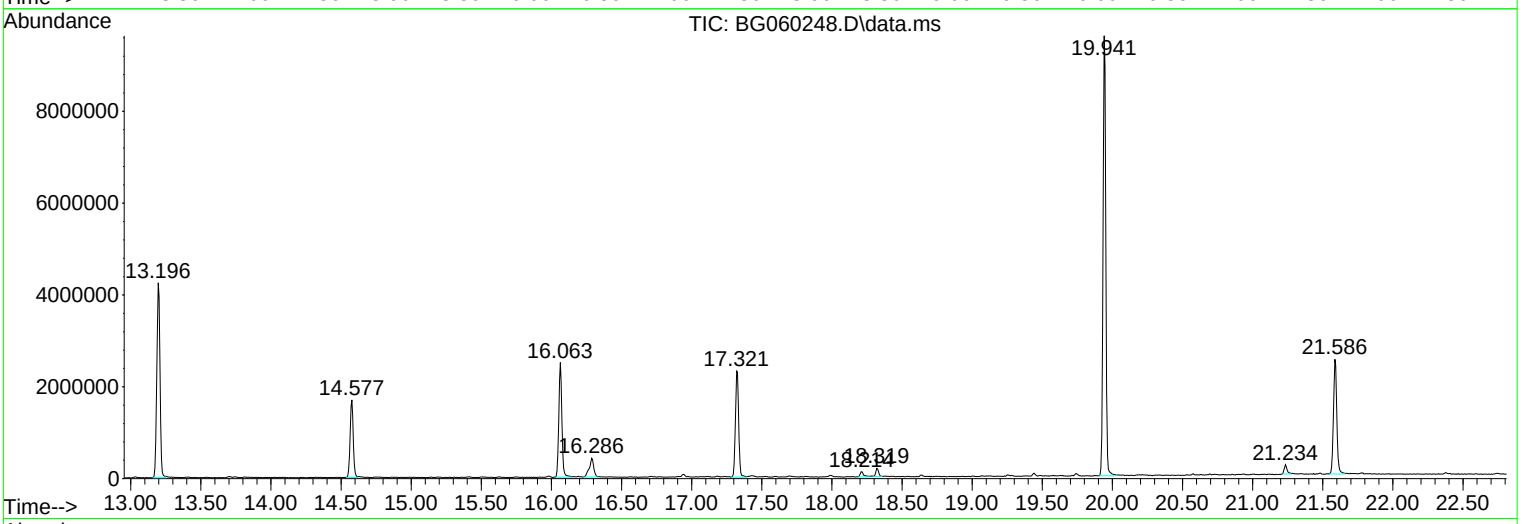
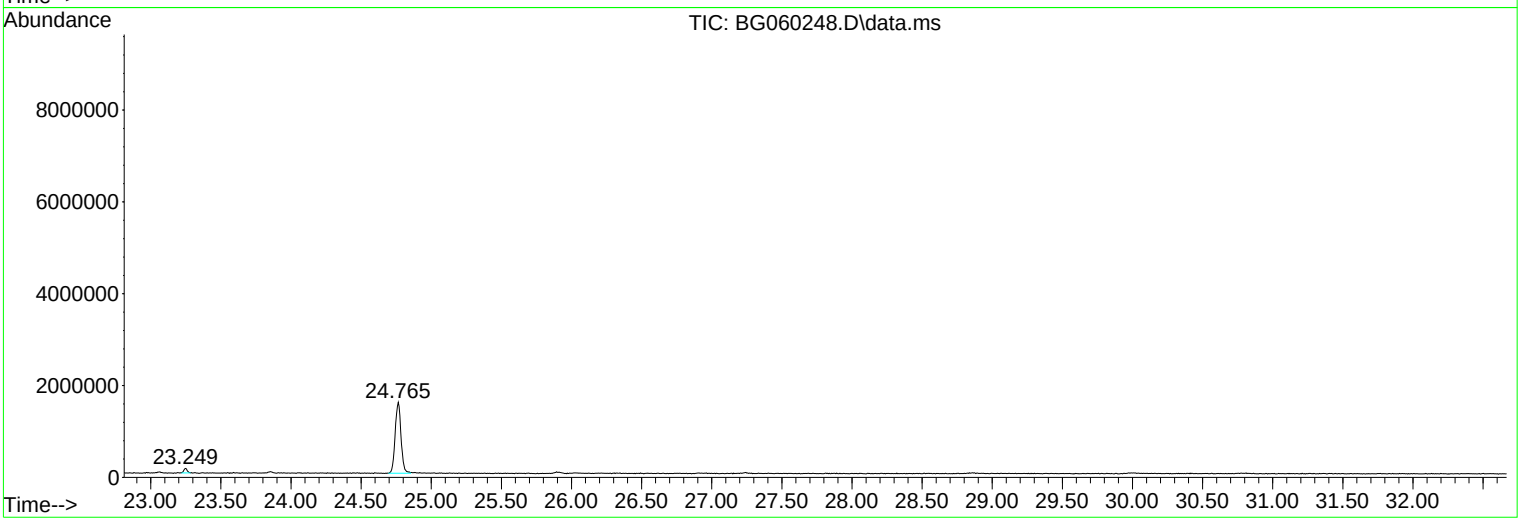
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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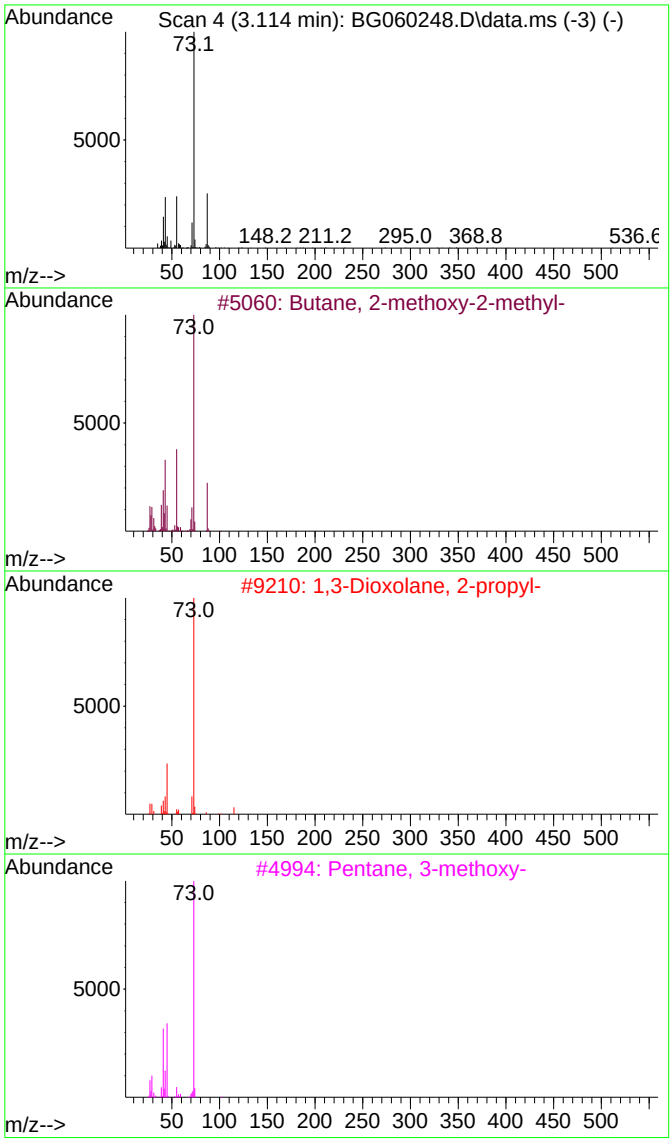
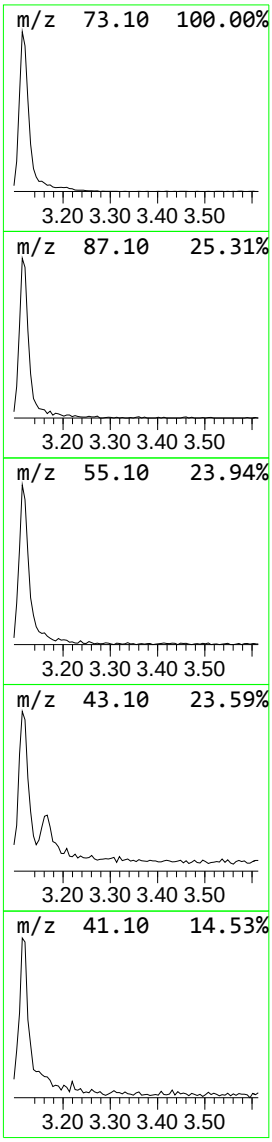
Peak Number 1 unknown3.114 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.114	10.23 ng	533445	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	12
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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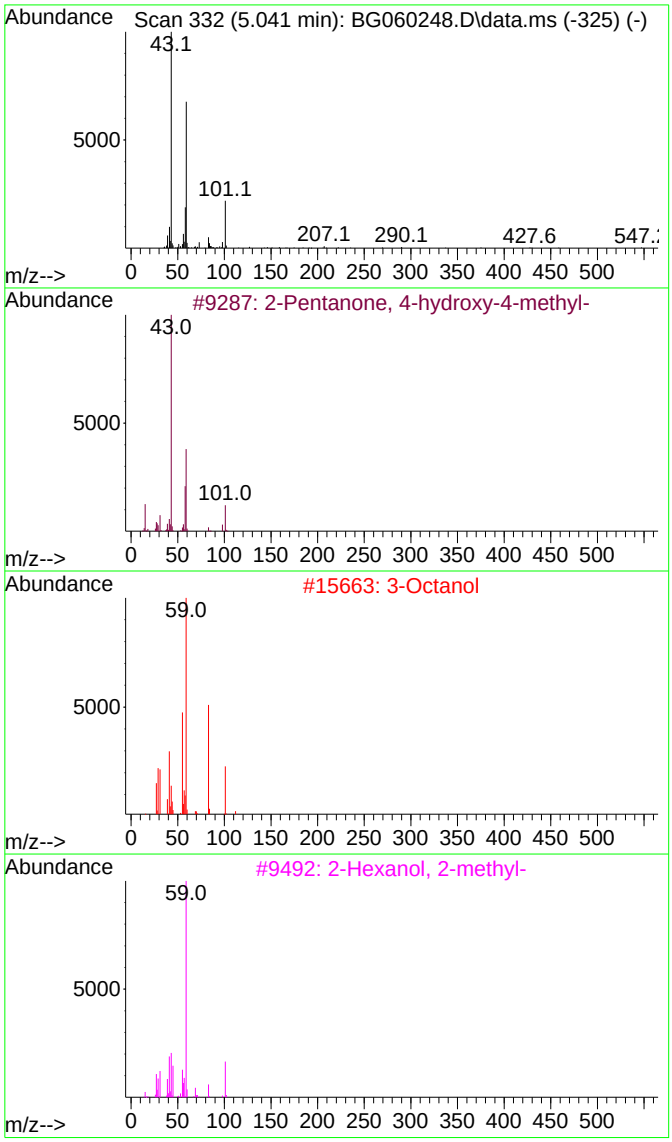
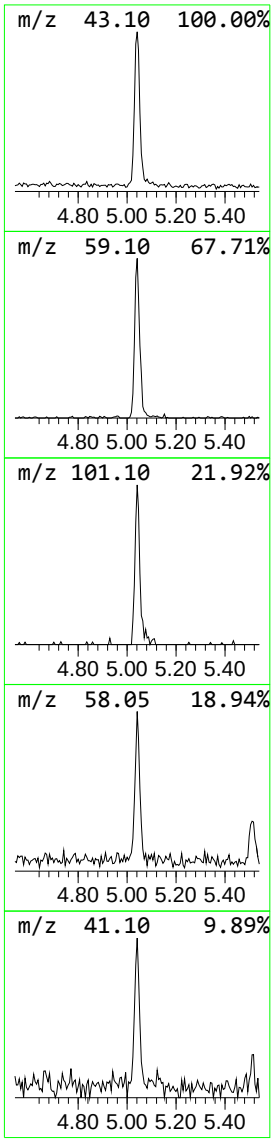
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.041	4.68 ng	244293	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Octanol	130	C8H18O	000589-98-0	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
5	Dimethadione	129	C5H7NO3	000695-53-4	33





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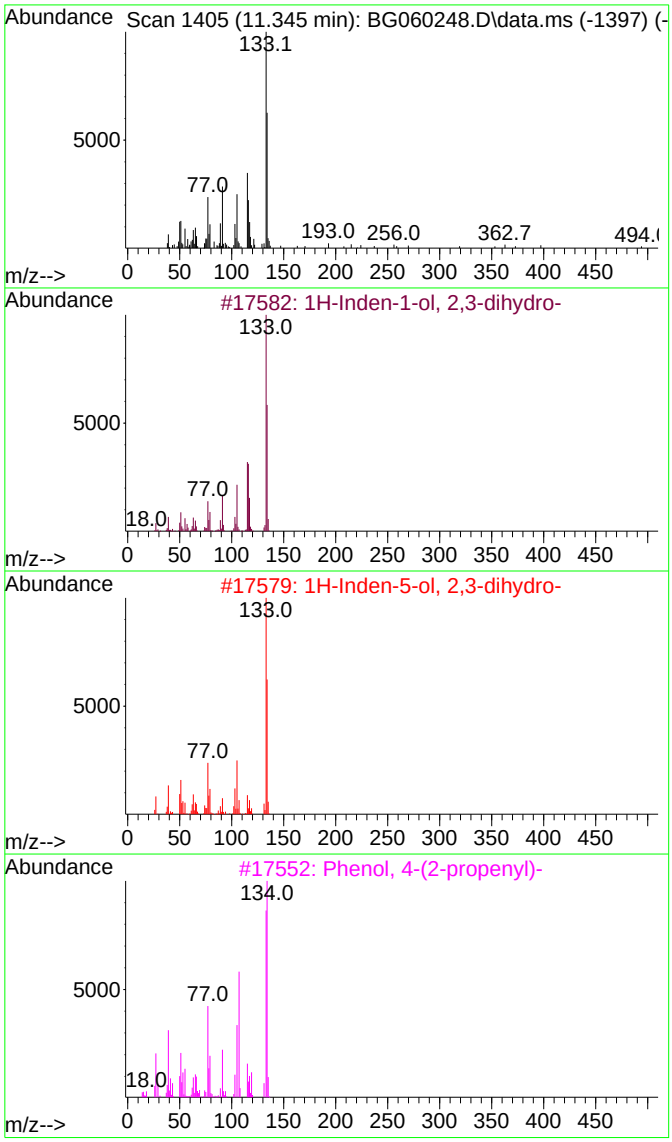
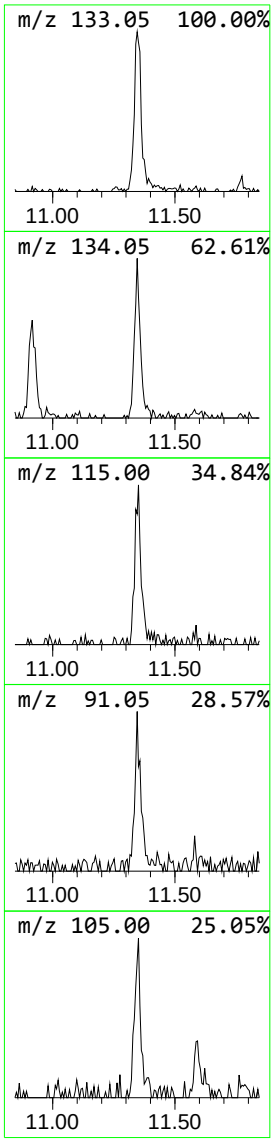
****
Peak Number 3 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	2.22 ng	168115	Naphthalene-d8	10.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	94
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	64
3	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	58
4	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	49
5	Nicotinonitrile, 1-ethyl-1,4-dih...	134	C8H10N2	019424-16-9	47





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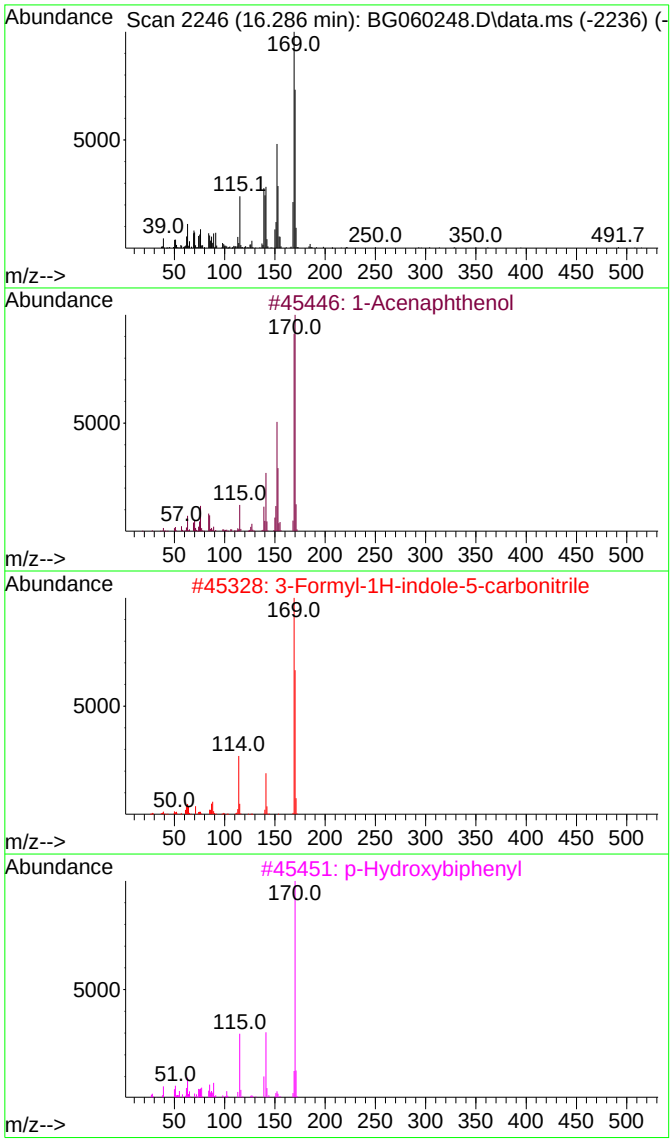
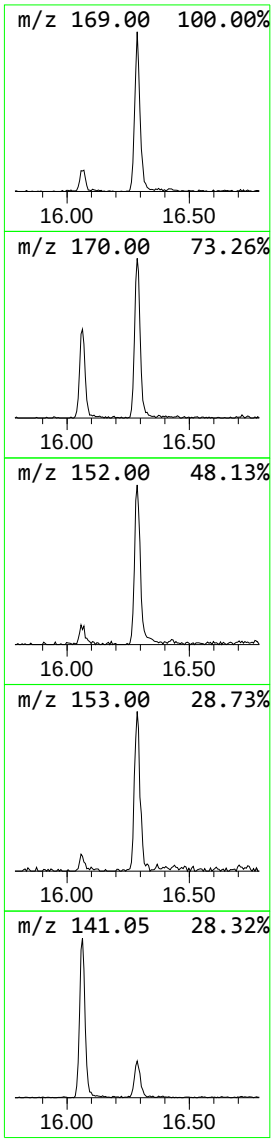
Peak Number 4 1-Acenaphthenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	4.90 ng	904583	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	96
2	3-Formyl-1H-indole-5-carbonitrile	170	C10H6N2O	1000484-33-3	53
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	42
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	38
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.114	3.114	10.2	ng	533445	1	7.937	1043110	20.0
2-Pentanone, 4-...	5.041	4.7	ng	244293	1	7.937	1043110	20.0
1H-Inden-1-ol, ...	11.345	2.2	ng	168115	2	10.740	1514130	20.0
1-Acenaphthenol	16.287	4.9	ng	904583	4	17.321	3692840	20.0