LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
Data File : BG052543.D
Acq On : 2 Mar 2022 19:02
Operator : CG/JU
Sample : N1708-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B19-15.5-16.0

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-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.750	378	385	398	rBV	532580	861476	35.69%	8.143%
2	7.366	652	660	671	rBV	532283	963032	39.90%	9.102%
3	8.218	798	805	811	rBV	113217	186979	7.75%	1.767%
4	9.392	997	1005	1013	rBV	336790	614126	25.45%	5.805%
5	10.808	1239	1246	1257	rBV	23159	45097	1.87%	0.426%
6	11.055	1280	1288	1298	rBV	148442	267101	11.07%	2.525%
7	13.487	1694	1702	1714	rBV	929656	1419074	58.80%	13.413%
8	14.068	1796	1801	1811	rBV2	24441	44381	1.84%	0.419%
9	14.867	1927	1937	1944	rBV	225705	376875	15.62%	3.562%
10	16.354	2184	2190	2209	rBV	684474	1115311	46.21%	10.542%
11	17.611	2397	2404	2412	rBV	322726	505019	20.92%	4.773%
12	18.257	2508	2514	2518	rVB	27585	34823	1.44%	0.329%
13	18.897	2618	2623	2629	rBV	79095	92821	3.85%	0.877%
14	19.414	2708	2711	2719	rVB2	38923	47193	1.96%	0.446%
15	19.538	2726	2732	2737	rBV4	18826	34214	1.42%	0.323%
16	20.019	2808	2814	2834	rBV	178676	341004	14.13%	3.223%
17	20.207	2840	2846	2852	rBV	1828768	2413529	100.00%	22.812%
18	21.928	3132	3139	3149	rBV	327904	572651	23.73%	5.413%
19	23.162	3343	3349	3354	rBV6	14289	28091	1.16%	0.266%
20	23.708	3437	3442	3451	rVB4	16411	38241	1.58%	0.361%
21	25.394	3717	3729	3743	rBV2	185052	578906	23.99%	5.472%

Sum of corrected areas: 10579944

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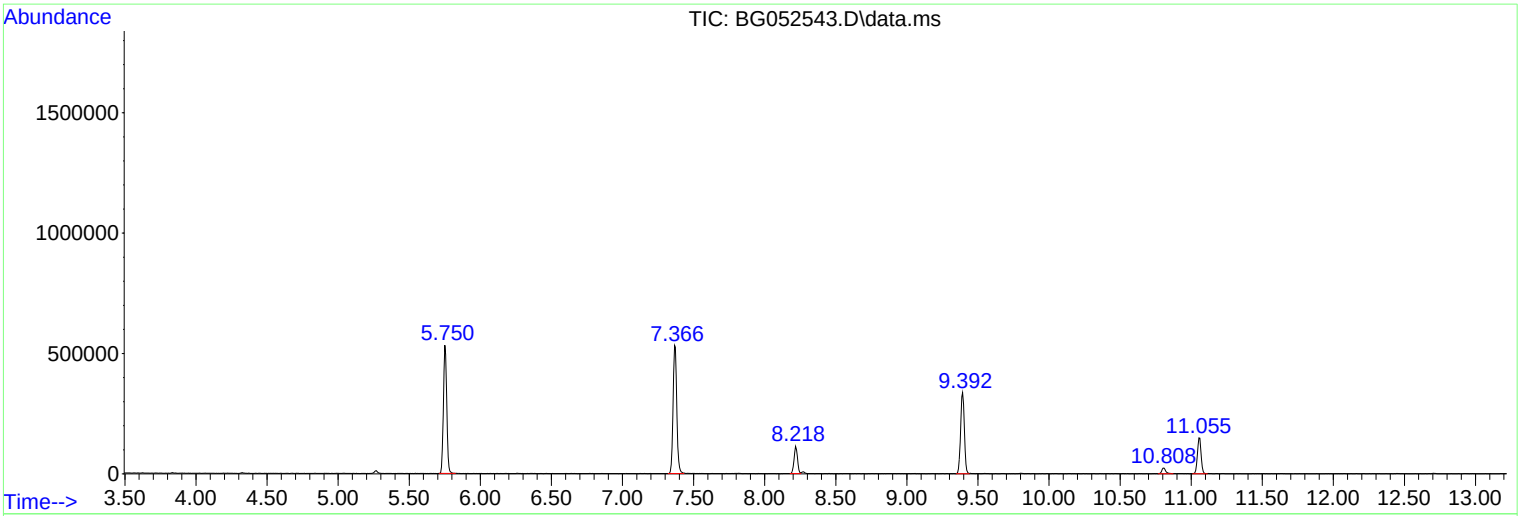
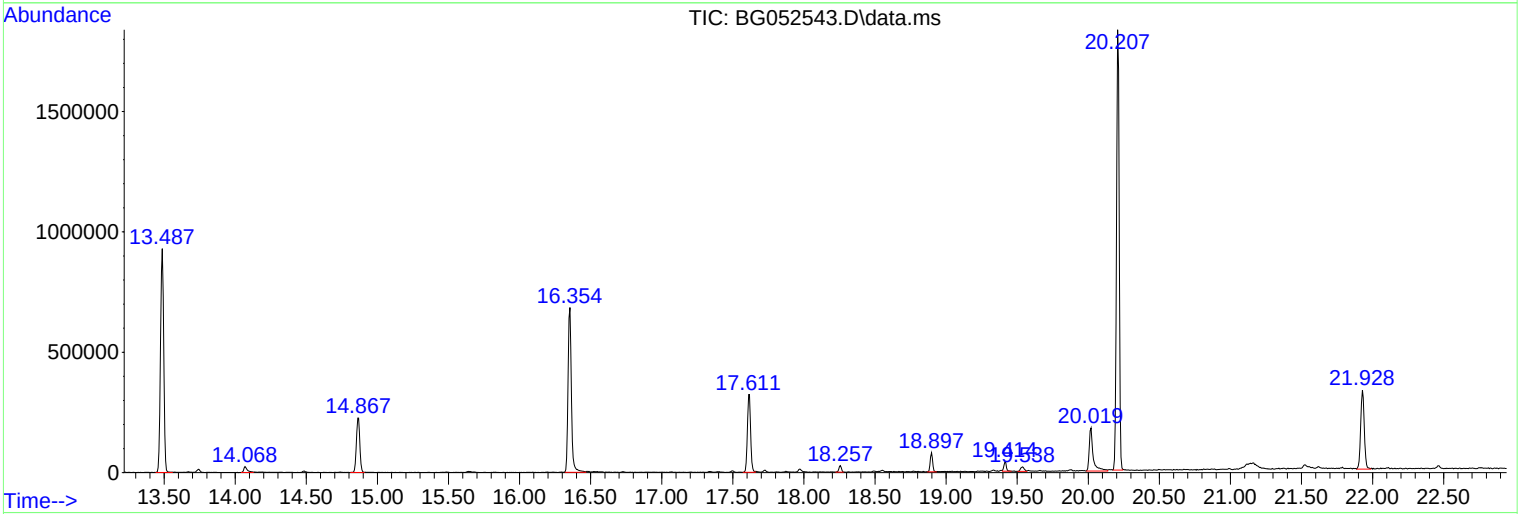
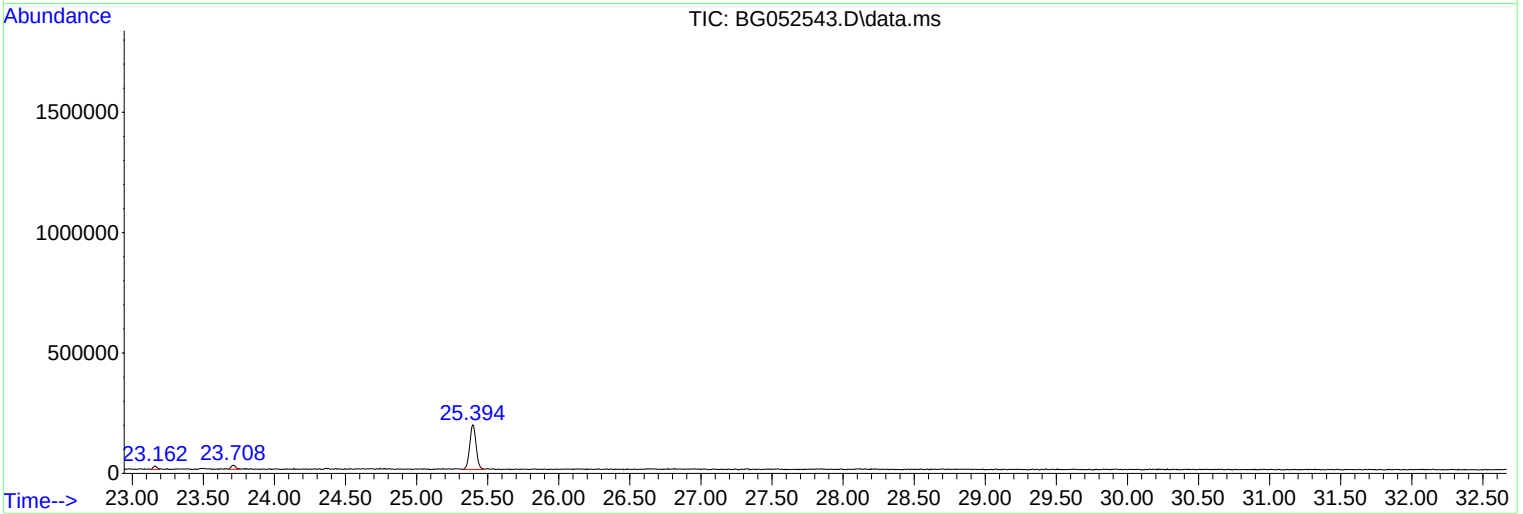
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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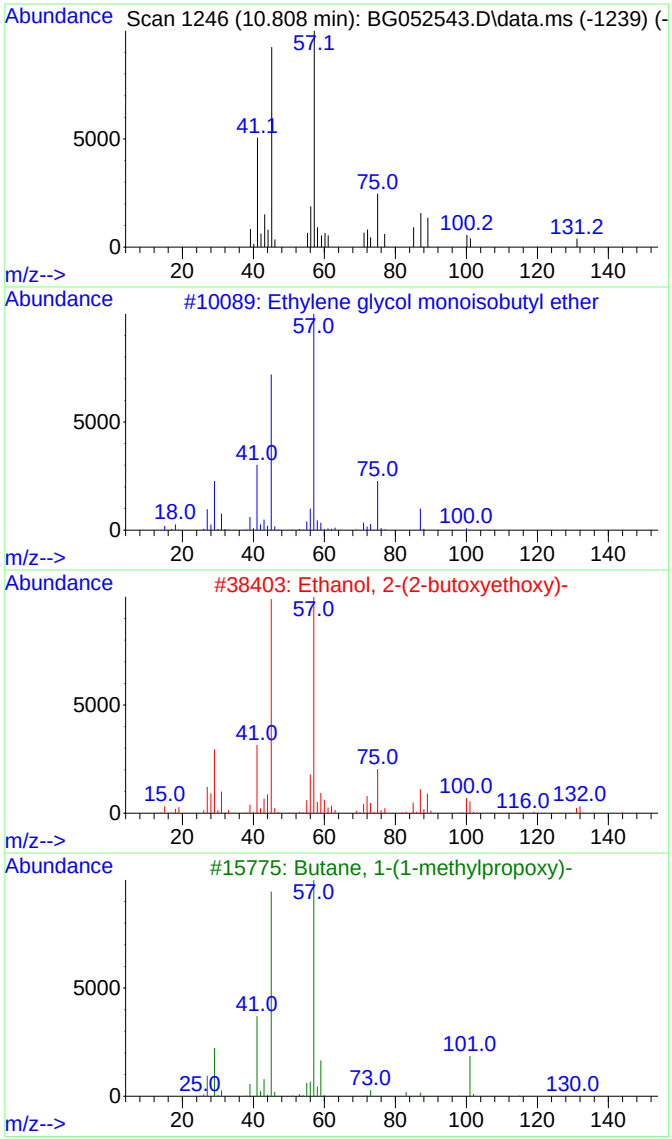
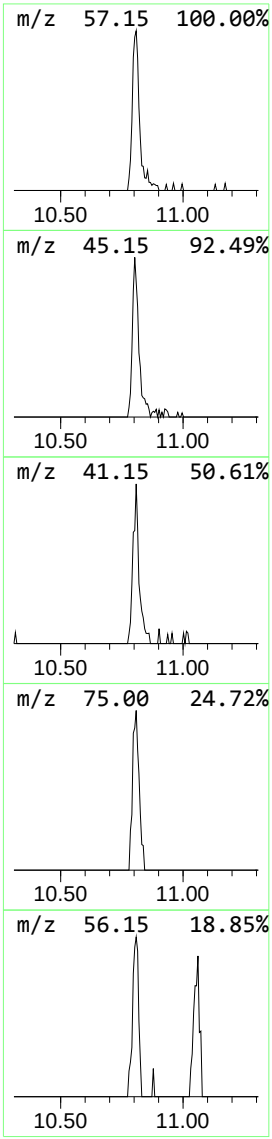
****
Peak Number 1 Ethylene glycol monoisobuty... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.808	3.38 ng	45097	Naphthalene-d8	11.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
4	2-Propanol, 1,3-dimethoxy-	120	C5H12O3	000623-69-8	47
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	45





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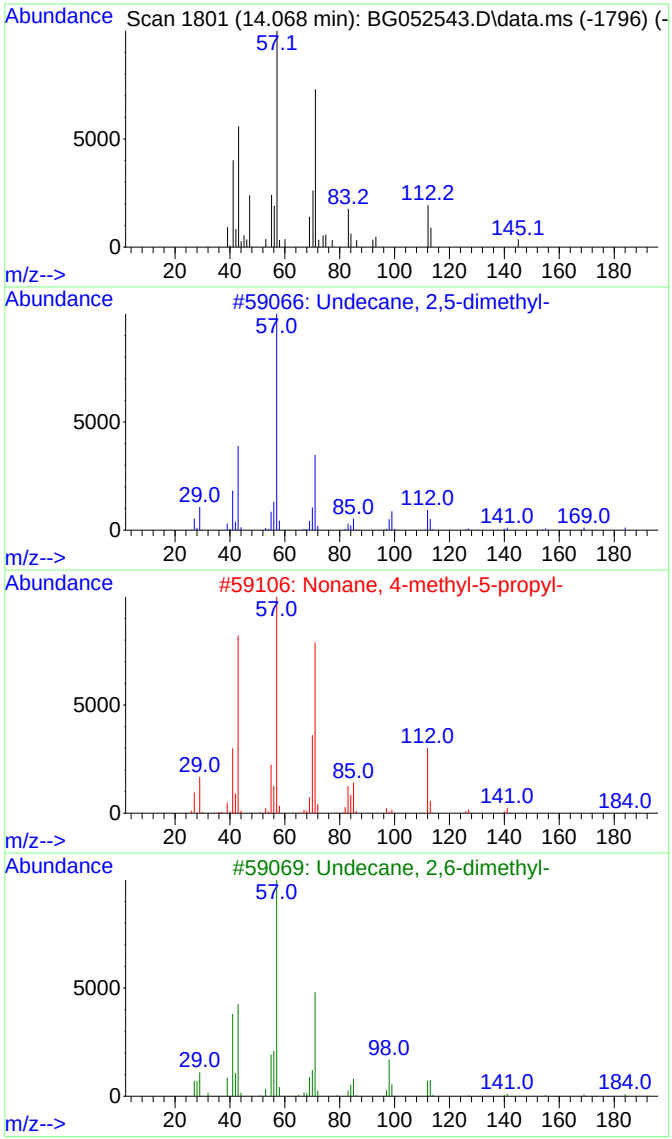
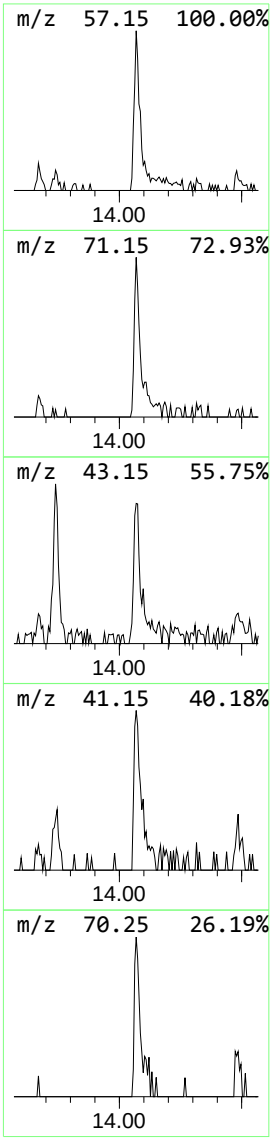
Peak Number 2 Undecane, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.069	2.36 ng	44381	Acenaphthene-d10	14.867

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59
2	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	50
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4	6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	50
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50





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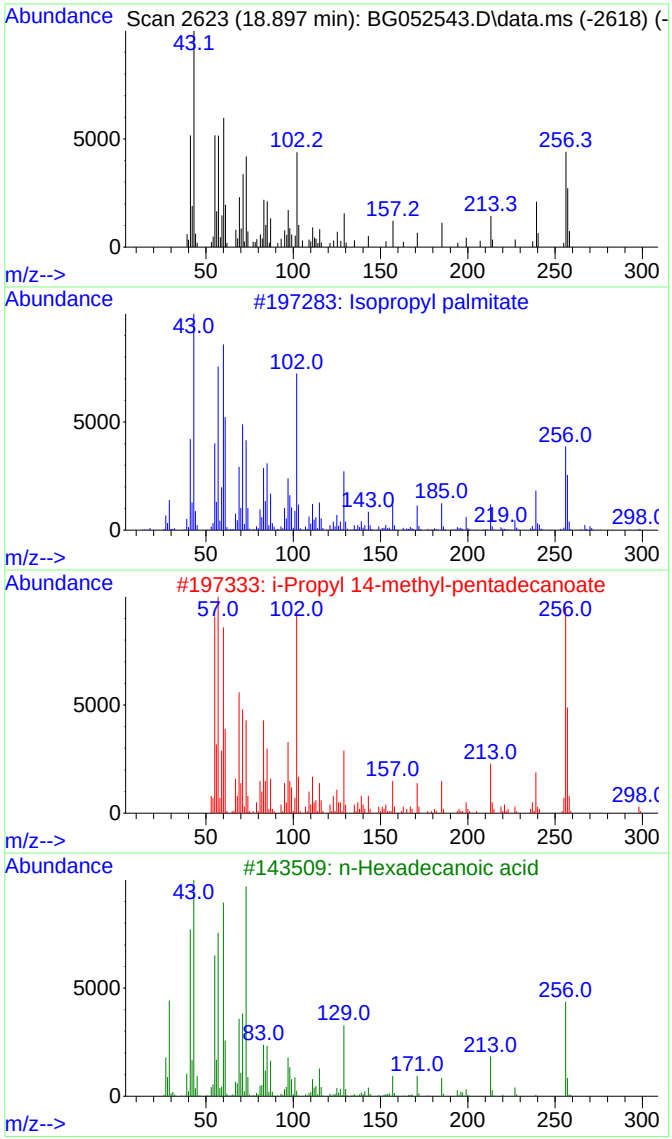
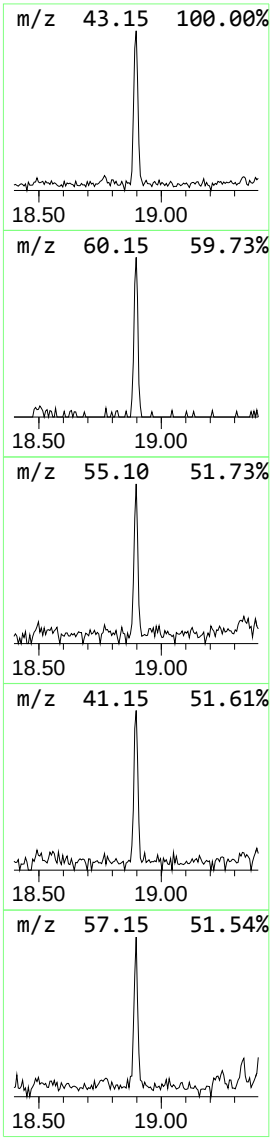
****

Peak Number 3 Isopropyl palmitate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.897	3.68 ng	92821	Phenanthrene-d10	17.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	87
2	i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
4	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	25
5	Heptanoic acid, propyl ester	172	C10H20O2	007778-87-2	16





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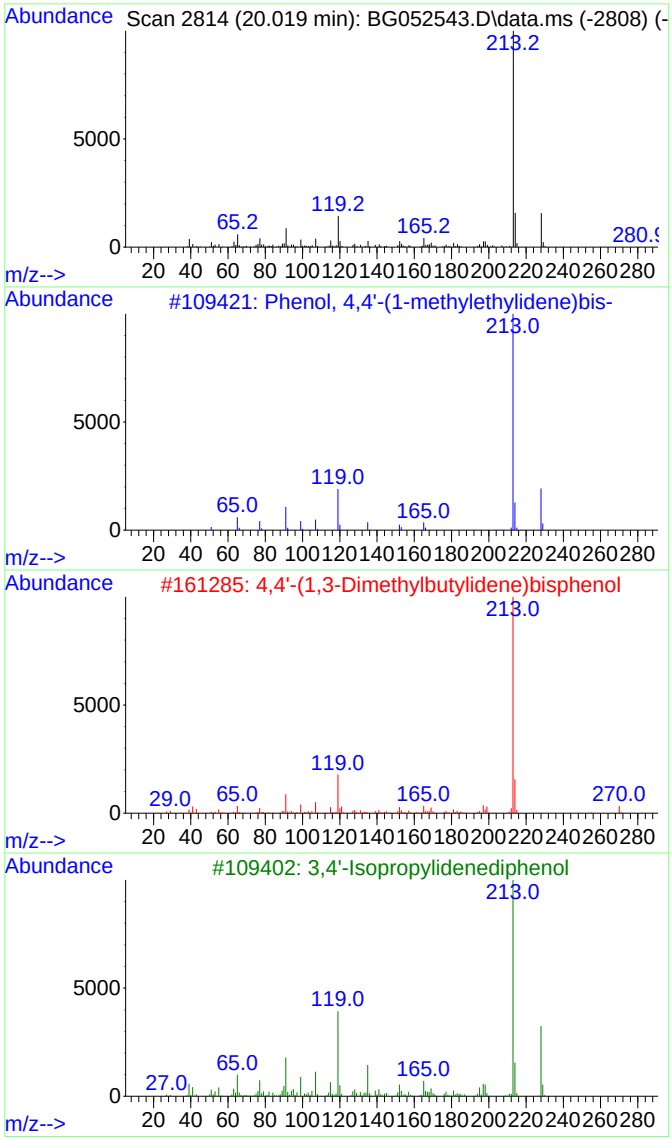
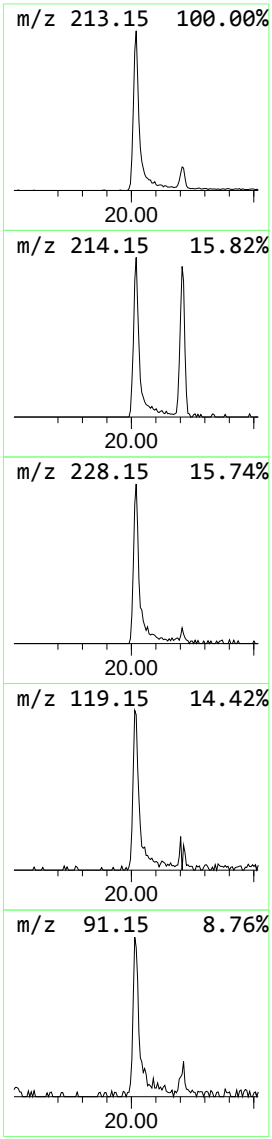
****
Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.019	11.91 ng	341004	Chrysene-d12	21.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	60
4	Diphenolic acid	286	C17H18O4	000126-00-1	56
5	1-Bromo-4-(trimethylsilyl)benzene	228	C9H13BrSi	006999-03-7	56





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethylene glycol...	10.808	3.4	ng	45097	2	11.061	267101	20.0
Undecane, 2,5-d...	14.069	2.4	ng	44381	3	14.867	376875	20.0
Isopropyl palmi...	18.897	3.7	ng	92821	4	17.617	505019	20.0
Phenol, 4,4'-(1...	20.019	11.9	ng	341004	5	21.928	572651	20.0