LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121219.D
Acq On : 6 Aug 2020 23:44
Operator : JU/CG
Sample : L3573-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-016-A

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_F\METHODS\8270-BF071620.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	4.340	379	383	393	rBV	470925	599412	41.68%	3.539%
2	4.992	488	494	497	rBV	1171525	1438271	100.00%	8.492%
3	5.410	561	565	573	rBV	1014773	1105816	76.89%	6.529%
4	5.469	573	575	583	rVB	35345	41438	2.88%	0.245%
5	6.428	735	738	753	rBV	992690	1103135	76.70%	6.513%
6	6.634	769	773	777	rBV3	14571	22579	1.57%	0.133%
7	6.792	797	800	808	rBV	940233	801151	55.70%	4.730%
8	7.357	892	896	906	rBV	775928	742031	51.59%	4.381%
9	8.081	1015	1019	1025	rBV	1015720	981960	68.27%	5.798%
10	8.357	1060	1066	1067	rBV5	10974	14737	1.02%	0.087%
11	8.498	1087	1090	1092	rBV2	18094	18508	1.29%	0.109%
12	8.669	1115	1119	1122	rBV	18308	20652	1.44%	0.122%
13	8.769	1132	1136	1139	rVB3	12404	15434	1.07%	0.091%
14	8.957	1165	1168	1171	rBV4	11915	17066	1.19%	0.101%
15	9.098	1189	1192	1198	rBV5	23421	23711	1.65%	0.140%
16	9.151	1198	1201	1212	rVV	1372215	1415279	98.40%	8.356%
17	9.233	1212	1215	1218	rVB3	39896	42785	2.97%	0.253%
18	9.551	1265	1269	1278	rBV	178307	225190	15.66%	1.330%
19	9.698	1291	1294	1297	rBV	44555	49706	3.46%	0.293%
20	9.745	1299	1302	1304	rVV	30928	30675	2.13%	0.181%
21	9.769	1304	1306	1310	rVB2	26261	24773	1.72%	0.146%
22	9.833	1310	1317	1333	rBV	1283285	1225163	85.18%	7.233%
23	9.939	1333	1335	1340	rVB4	16837	21019	1.46%	0.124%
24	10.092	1357	1361	1364	rVB5	13835	21053	1.46%	0.124%
25	10.151	1368	1371	1373	rBV2	20659	25580	1.78%	0.151%
26	10.239	1383	1386	1388	rBV3	28978	29926	2.08%	0.177%
27	10.263	1388	1390	1393	rVB	37509	28491	1.98%	0.168%
28	10.380	1407	1410	1412	rBV3	14827	14704	1.02%	0.087%
29	10.486	1423	1428	1433	rVB2	24740	36917	2.57%	0.218%
30	10.627	1448	1452	1462	rBV	662271	712815	49.56%	4.209%
31	10.751	1468	1473	1476	rVB2	51611	79089	5.50%	0.467%
32	10.933	1500	1504	1507	rBV6	13299	21710	1.51%	0.128%
33	11.186	1544	1547	1549	rBV	43758	34861	2.42%	0.206%
34	11.216	1549	1552	1556	rVB	39282	46060	3.20%	0.272%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.321	1566	1570	1573	rBV	1200512	1065031	74.05%	6.288%
36	11.345	1573	1574	1578	rVV	142726	106877	7.43%	0.631%
37	11.398	1581	1583	1587	rVB	53048	47248	3.29%	0.279%
38	11.563	1608	1611	1616	rBV5	20558	31104	2.16%	0.184%
39	11.616	1617	1620	1624	rVV2	40082	39125	2.72%	0.231%
40	11.657	1624	1627	1633	rVV3	16103	26534	1.84%	0.157%
41	11.827	1653	1656	1658	rBV2	28063	34387	2.39%	0.203%
42	11.851	1658	1660	1664	rVB	35867	35511	2.47%	0.210%
43	11.939	1671	1675	1677	rBV2	54848	60808	4.23%	0.359%
44	12.021	1686	1689	1693	rVB	48110	41357	2.88%	0.244%
45	12.121	1703	1706	1707	rBV	24141	20883	1.45%	0.123%
46	12.251	1725	1728	1729	rBV2	23909	20336	1.41%	0.120%
47	12.298	1733	1736	1739	rBV2	56945	60212	4.19%	0.355%
48	12.374	1746	1749	1751	rBV	48228	48676	3.38%	0.287%
49	12.410	1752	1755	1761	rVB2	68132	83546	5.81%	0.493%
50	12.463	1761	1764	1766	rBV2	25663	26948	1.87%	0.159%
51	12.533	1773	1776	1780	rBV	313270	277634	19.30%	1.639%
52	12.763	1810	1815	1818	rBV	326481	358385	24.92%	2.116%
53	12.904	1836	1839	1847	rVB	1298732	1179365	82.00%	6.963%
54	13.810	1991	1993	2003	rVB5	143488	249506	17.35%	1.473%
55	13.962	2014	2019	2022	rBV2	1079032	1169873	81.34%	6.907%
56	15.421	2263	2267	2275	rVB	687572	922403	64.13%	5.446%

Sum of corrected areas: 16937446

LSC Report - Integrated Chromatogram

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Sample : L3573-01 2X
Misc :
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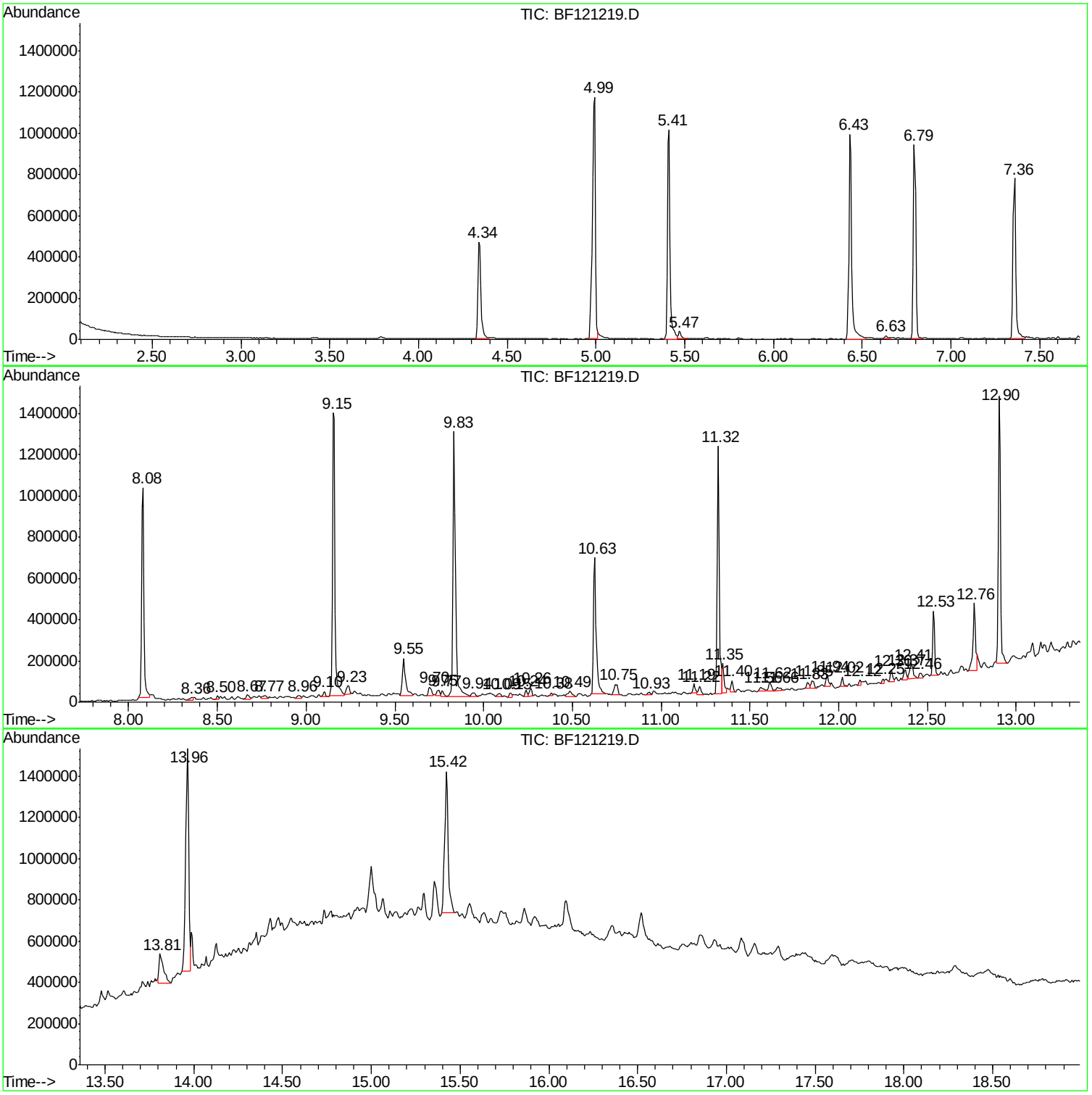
Instrument : BNA_F
ClientSampleId : FK-GF-03-016-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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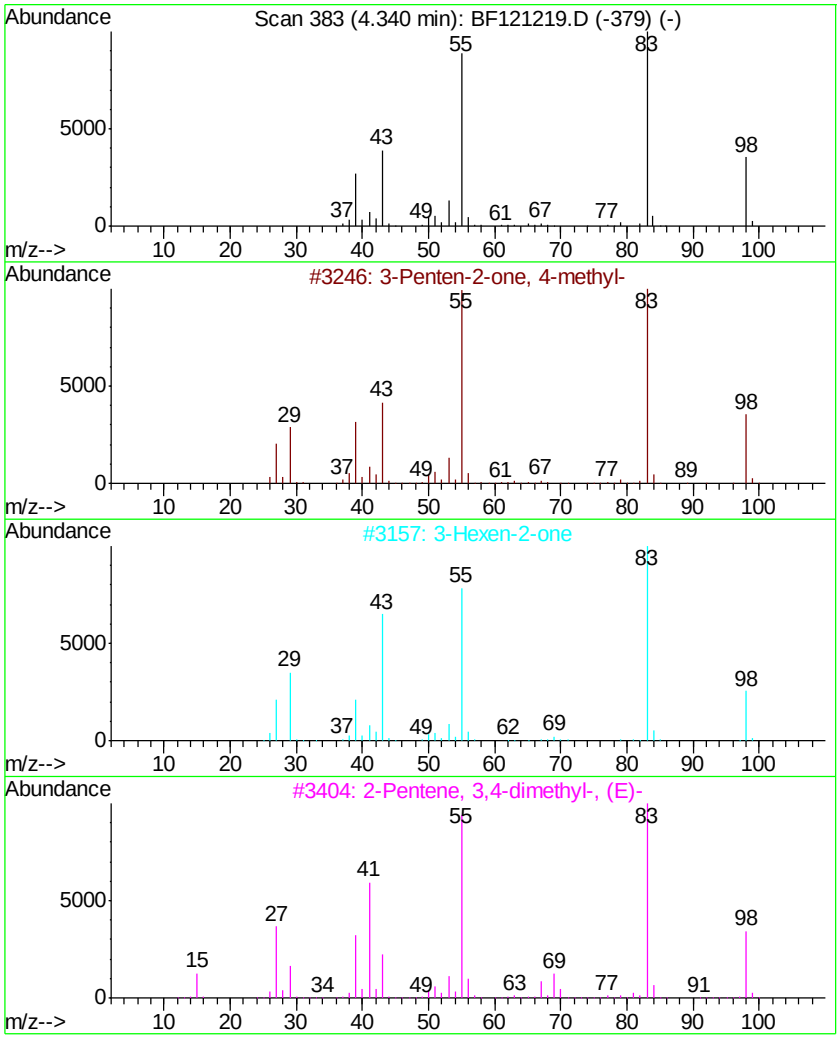
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

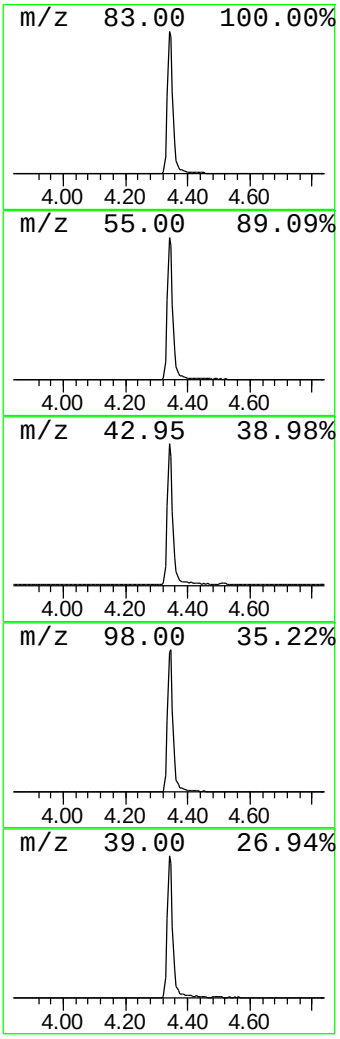
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	14.96 ng	599412	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Instrument : BNA_F
ClientSampleId : FK-GF-03-016-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

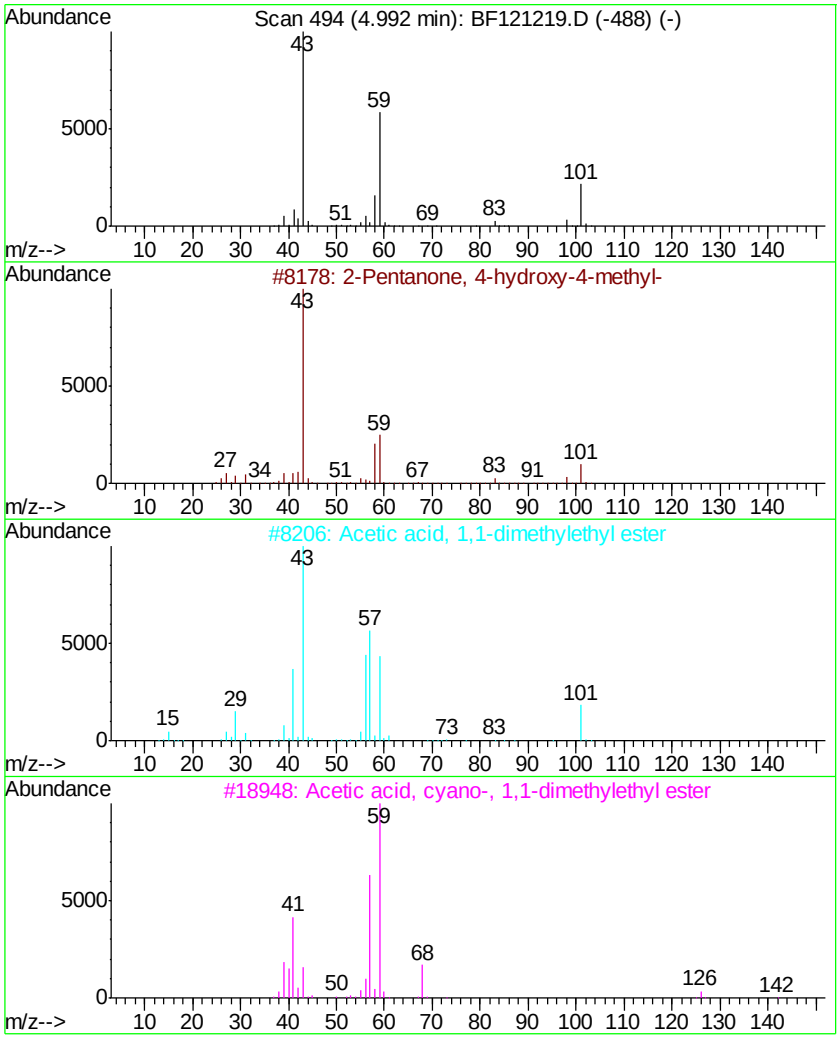
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

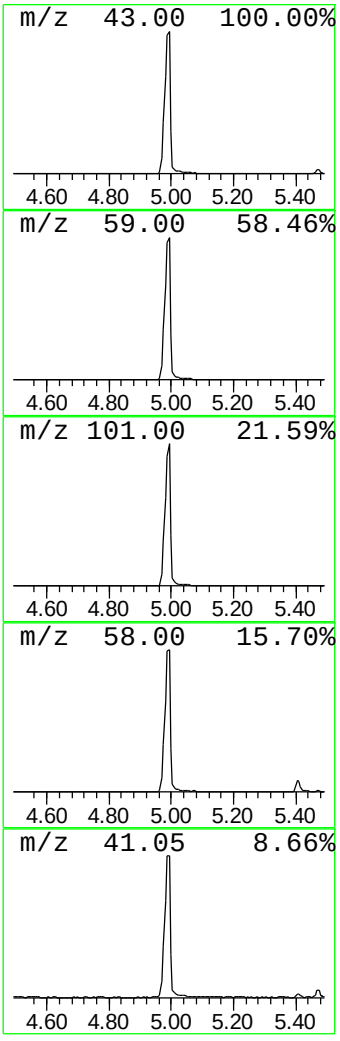
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	35.91 ng	1438270	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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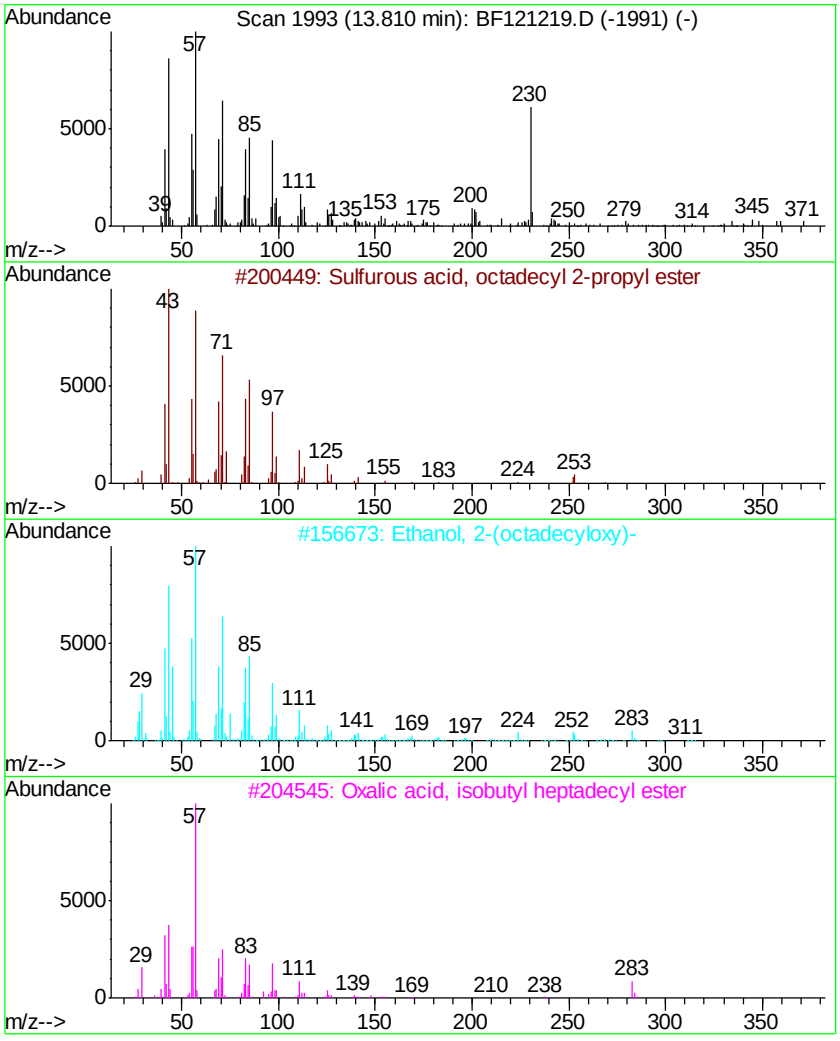
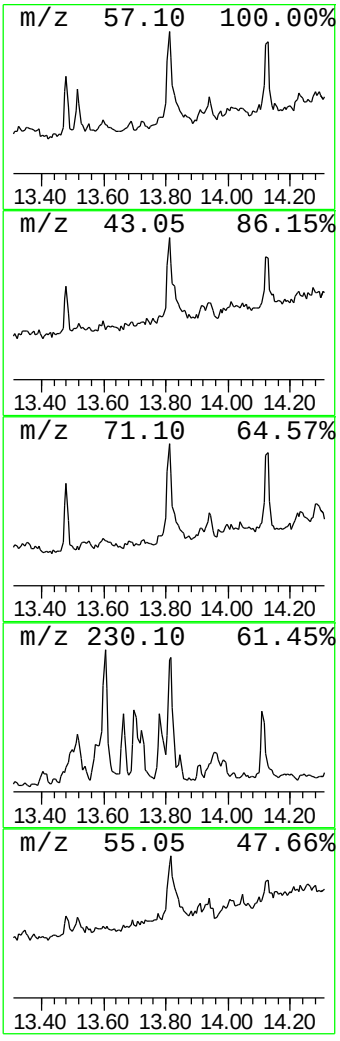
Peak Number 3 Sulfurous acid, octadecyl 2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.27 ng	249506	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	76
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	68
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	68
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62
5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	58





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.34	15.0	ng	599412	1	6.79	801151	20.0
2-Pentanone, 4-hy...	4.99	35.9	ng	1438270	1	6.79	801151	20.0
Sulfurous acid, o...	13.81	4.3	ng	249506	5	13.96	1169870	20.0