LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121415\
Data File : BM003545.D
Acq On : 14 Dec 2015 18:33
Operator : UM/IZ
Sample : G4722-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C04E1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM02.2-EPA-BM120115.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	13	16	23	rVB	4046	4868	0.28%	0.027%
2	4.287	200	204	208	rVB	4698	6058	0.34%	0.033%
3	4.363	213	217	225	rBV	1924	3129	0.18%	0.017%
4	6.734	617	620	625	rBB	1823	2757	0.16%	0.015%
5	6.857	635	641	644	rBV2	22611	37359	2.12%	0.205%
6	6.898	644	648	655	rVB	81403	121315	6.89%	0.664%
7	7.057	668	675	685	rBB	263736	415261	23.60%	2.274%
8	7.257	702	709	717	rBB	293311	465821	26.47%	2.551%
9	7.716	781	787	794	rBV	241711	386412	21.96%	2.116%
10	7.781	794	798	806	rVB	38908	57082	3.24%	0.313%
11	8.433	903	909	918	rBB	249149	396638	22.54%	2.172%
12	8.539	923	927	932	rBB	6201	9096	0.52%	0.050%
13	8.816	968	974	979	rBV	163848	247622	14.07%	1.356%
14	8.880	979	985	991	rVB	335564	545594	31.00%	2.988%
15	9.292	1049	1055	1060	rBB	38251	55057	3.13%	0.302%
16	9.598	1100	1107	1114	rBB	294504	468038	26.59%	2.563%
17	10.133	1192	1198	1211	rBV	432871	730085	41.48%	3.998%
18	10.422	1243	1247	1251	rBB2	3213	4696	0.27%	0.026%
19	10.510	1255	1262	1269	rBV	382661	624059	35.46%	3.418%
20	10.569	1269	1272	1275	rVB	5419	7014	0.40%	0.038%
21	11.163	1369	1373	1378	rBB	3045	4335	0.25%	0.024%
22	11.686	1458	1462	1466	rBB	5640	7582	0.43%	0.042%
23	11.786	1473	1479	1484	rBB	24332	34284	1.95%	0.188%
24	12.104	1529	1533	1537	rBB	6140	8517	0.48%	0.047%
25	12.351	1571	1575	1579	rBB	3353	4235	0.24%	0.023%
26	12.721	1634	1638	1641	rBB	3518	4621	0.26%	0.025%
27	12.968	1677	1680	1684	rBB	8057	10774	0.61%	0.059%
28	13.286	1728	1734	1743	rBB	48305	73675	4.19%	0.403%
29	13.780	1812	1818	1824	rBV	830302	1172288	66.61%	6.420%
30	13.827	1824	1826	1833	rVB	7628	8143	0.46%	0.045%
31	14.063	1859	1866	1877	rBV	984346	1432992	81.42%	7.848%
32	14.374	1912	1919	1926	rBB2	551499	855306	48.60%	4.684%
33	14.457	1930	1933	1935	rVB	2186	1970	0.11%	0.011%
34	14.592	1951	1956	1968	rBB	29859	50390	2.86%	0.276%

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Misc :
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Instrument : BNA_M
ClientSampleId : C04E1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM02.2-EPA-BM120115.M
Title : SVOA CALIBRATION

35	14.968	2015	2020	2024	rBB	12011	14085	0.80%	0.077%
36	15.051	2030	2034	2037	rBB	2123	2320	0.13%	0.013%
37	15.115	2037	2045	2049	rBB2	17106	30605	1.74%	0.168%
38	15.174	2050	2055	2057	rBV	6717	8375	0.48%	0.046%
39	15.198	2057	2059	2062	rVB	3456	3323	0.19%	0.018%
40	15.368	2081	2088	2097	rBV	1212036	1759946	100.00%	9.638%
41	15.486	2103	2108	2115	rBV	219952	297865	16.92%	1.631%
42	15.604	2124	2128	2132	rVB	10175	13389	0.76%	0.073%
43	15.733	2146	2150	2154	rBB	5046	5999	0.34%	0.033%
44	16.909	2345	2350	2353	rBB	1764	2614	0.15%	0.014%
45	17.121	2380	2386	2392	rVV	623409	868794	49.36%	4.758%
46	17.221	2396	2403	2418	rBV2	1145221	1690896	96.08%	9.260%
47	17.403	2430	2434	2439	rVB	3039	3638	0.21%	0.020%
48	17.792	2495	2500	2504	rBV	148445	166068	9.44%	0.909%
49	18.086	2546	2550	2555	rVB	3727	4413	0.25%	0.024%
50	19.156	2726	2732	2737	rBV	9702	13294	0.76%	0.073%
51	19.409	2770	2775	2780	rVB	8357	10441	0.59%	0.057%
52	19.521	2788	2794	2802	rBV	1310980	1756045	99.78%	9.617%
53	20.121	2893	2896	2898	rBV4	1985	2644	0.15%	0.014%
54	21.315	3094	3099	3106	rBV	698668	867658	49.30%	4.752%
55	23.433	3451	3459	3468	rBV	856150	1629316	92.58%	8.923%
56	23.574	3476	3483	3492	rVB	445386	851402	48.38%	4.663%

Sum of corrected areas: 18260203

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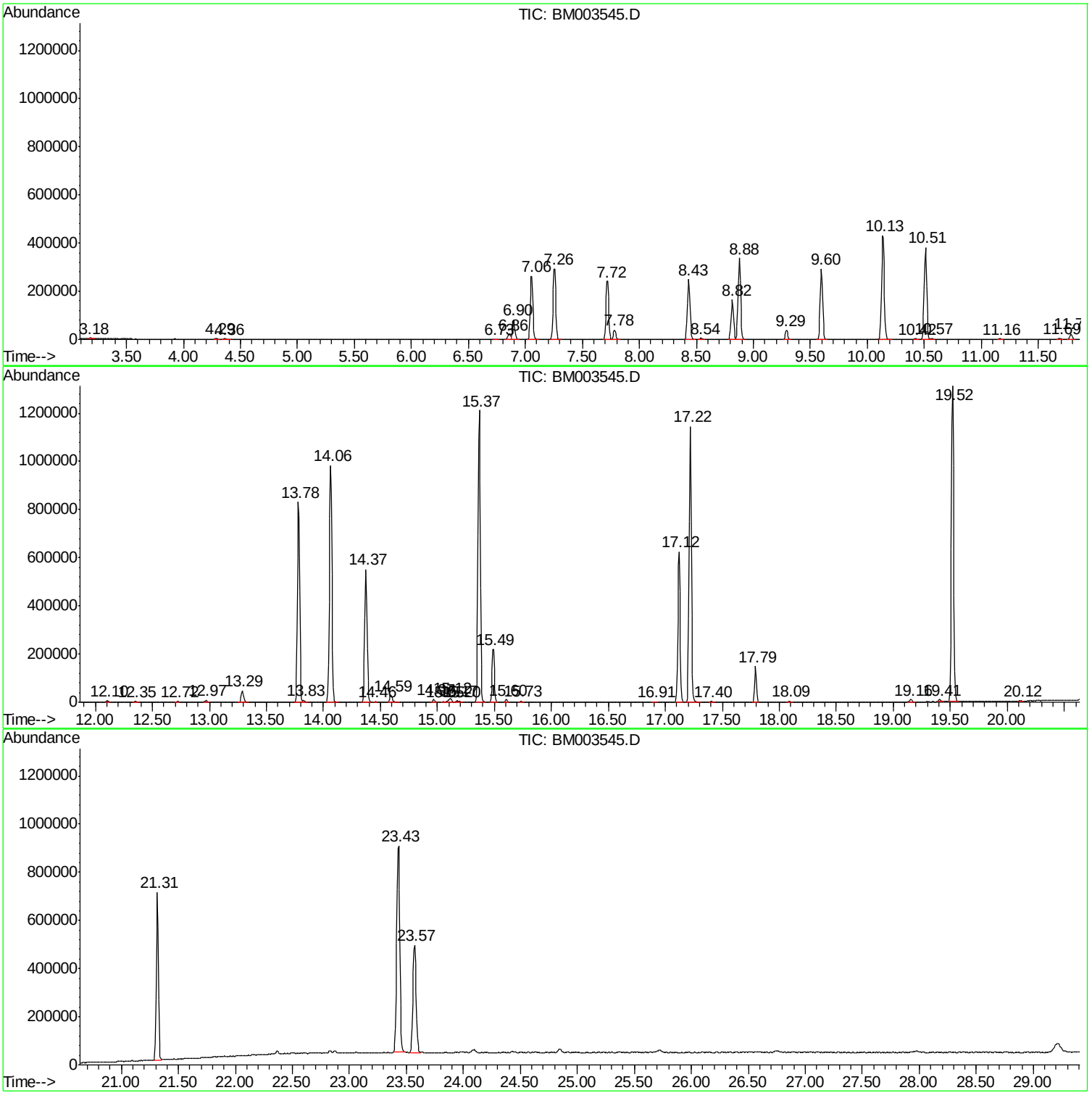
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C04E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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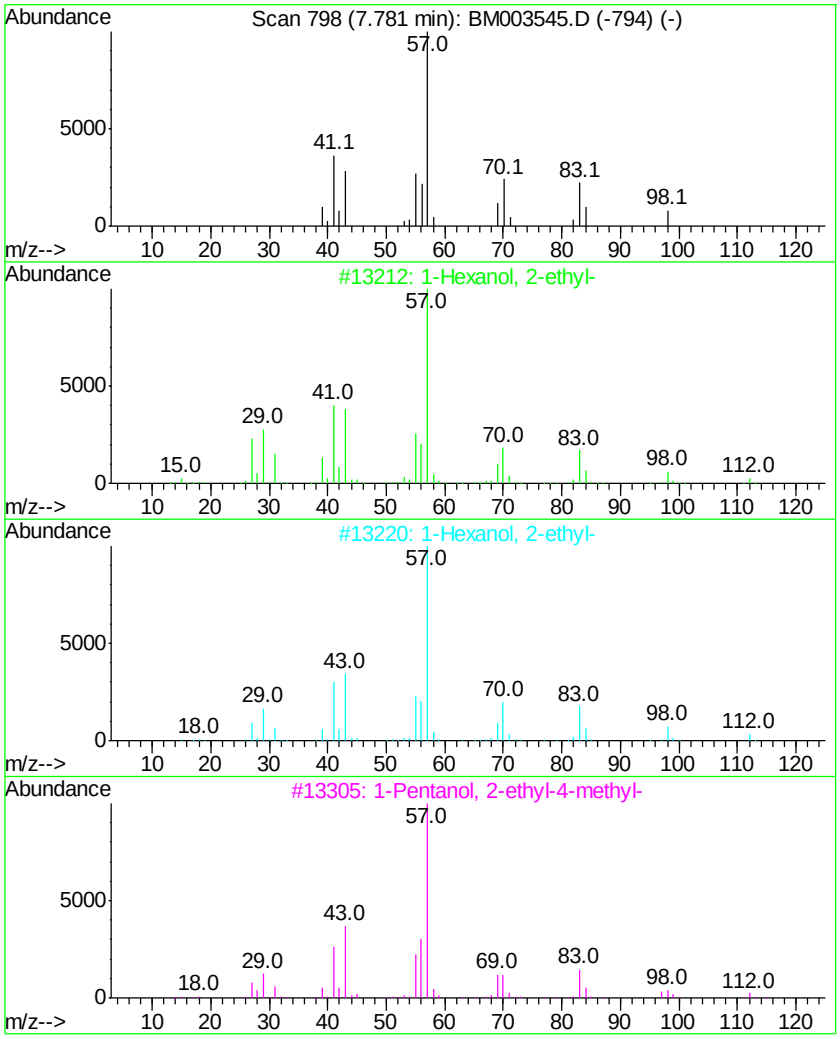
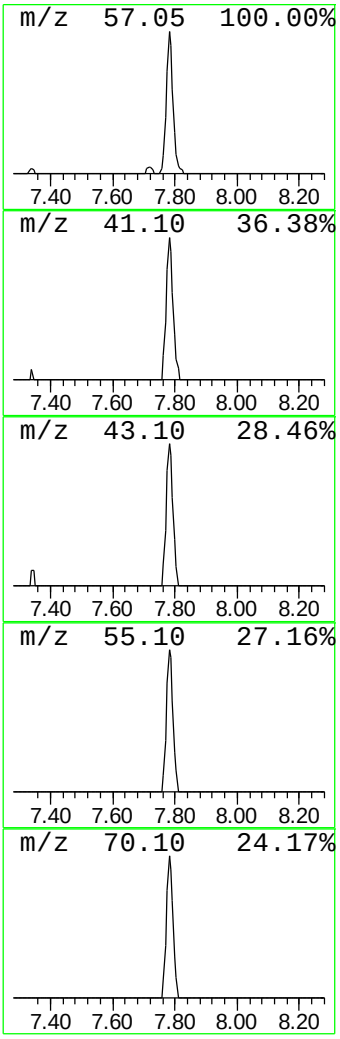
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	2.95 ng/ul	57082	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C04E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
Quant Title : SVOA CALIBRATION

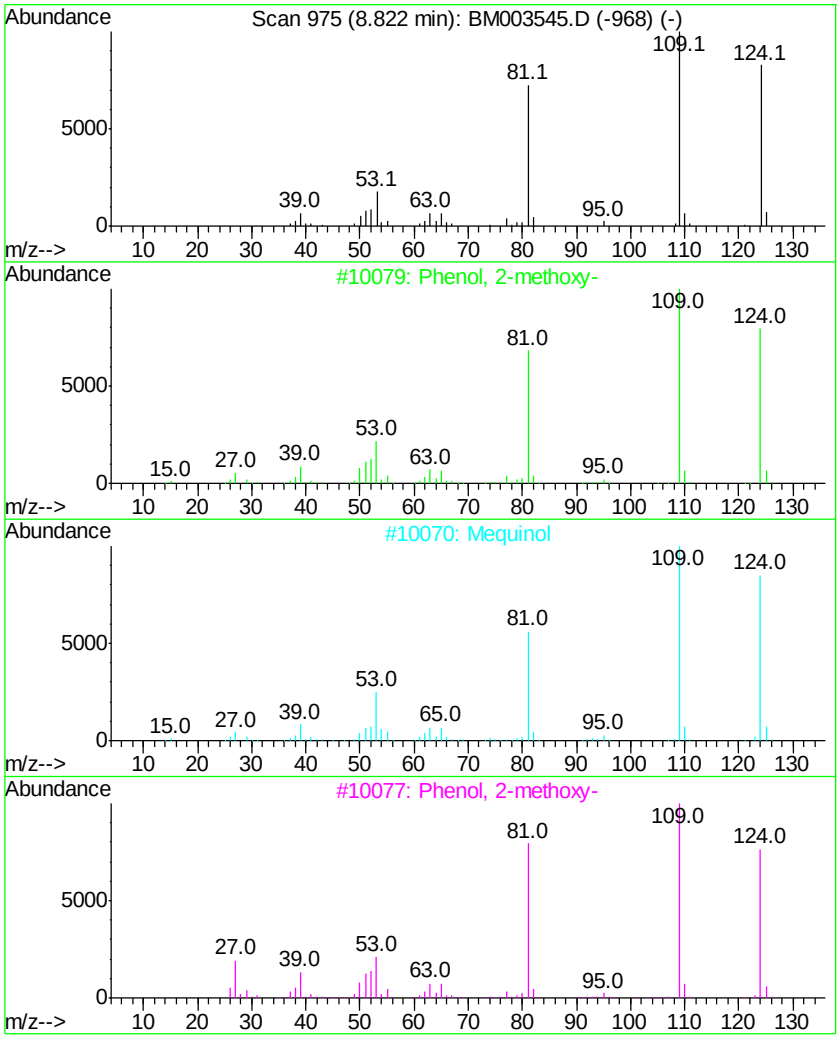
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

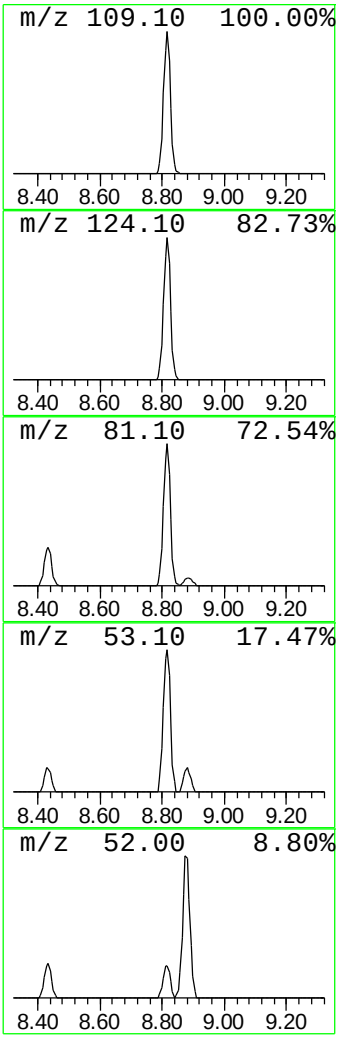
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	12.82 ng/ul	247622	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
2	Mequinol	124	C7H8O2	000150-76-5	92
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	Mequinol	124	C7H8O2	000150-76-5	78





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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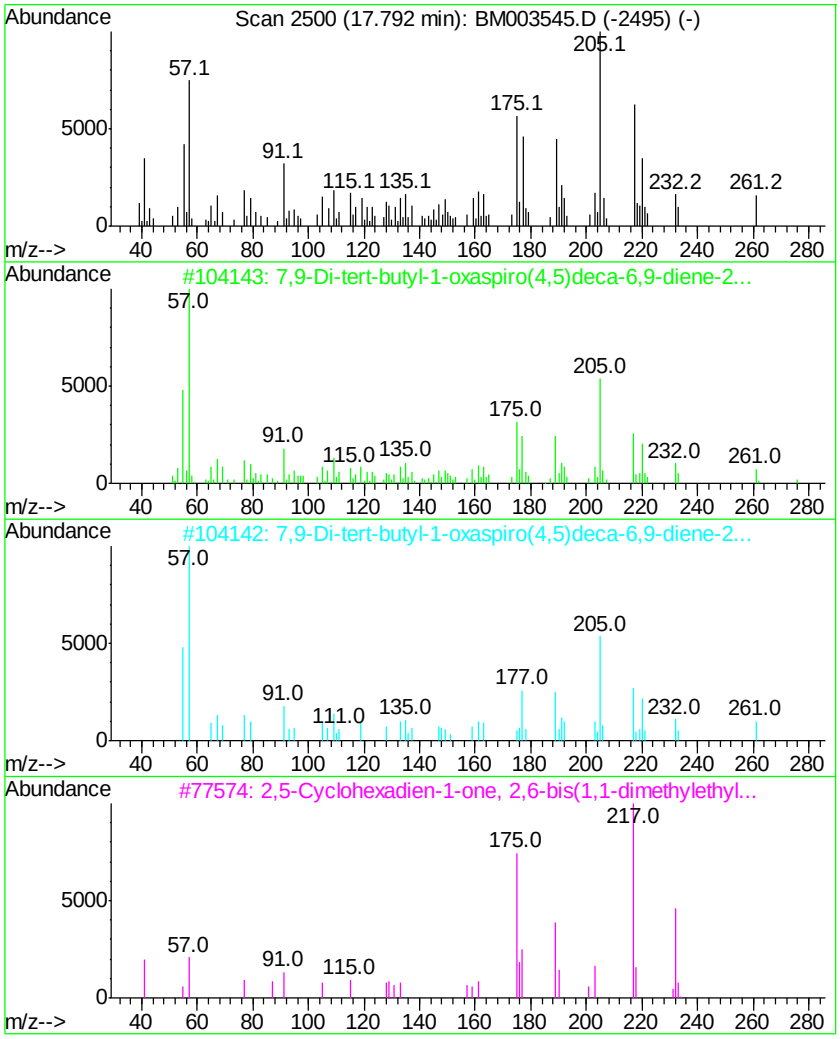
TIC Integration Parameters: LSCINT.P

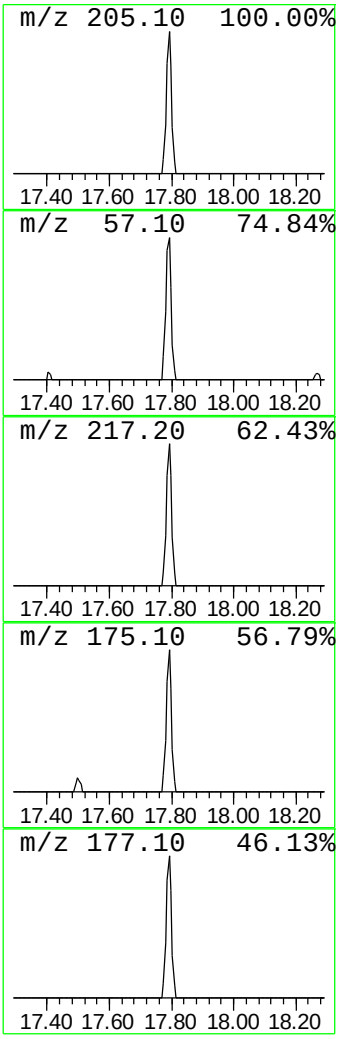
****

Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.82 ng/ul	166068	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45





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
1-Hexanol, 2-ethyl-	7.78	3.0	ng/ul	57082	1	7.72	386412	20.0
Phenol, 2-methoxy-	8.82	12.8	ng/ul	247622	1	7.72	386412	20.0
7,9-Di-tert-butyl...	17.79	3.8	ng/ul	166068	4	17.12	868794	20.0