LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027292.D
Acq On : 01 Sep 2020 11:38
Operator : JU/CG
Sample : L3840-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.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	3.152	26	28	36	rVB	23814	35805	1.01%	0.114%
2	3.781	132	135	141	rVB2	10685	15121	0.43%	0.048%
3	3.869	147	150	158	rVB5	6233	11129	0.31%	0.035%
4	5.181	368	373	379	rVB4	5784	10856	0.31%	0.034%
5	6.275	555	559	563	rBV3	6012	8176	0.23%	0.026%
6	6.775	638	644	651	rBV	126663	201817	5.70%	0.641%
7	6.934	664	671	680	rBV	390927	594402	16.79%	1.889%
8	7.128	697	704	715	rBV	466376	719310	20.31%	2.285%
9	7.239	718	723	728	rVV5	5196	8937	0.25%	0.028%
10	7.592	776	783	792	rVB	408415	647759	18.29%	2.058%
11	7.669	792	796	803	rVB	13200	18457	0.52%	0.059%
12	8.210	883	888	891	rBV5	3880	6300	0.18%	0.020%
13	8.298	896	903	913	rVV	346913	543486	15.35%	1.727%
14	8.404	916	921	928	rVB2	9770	16840	0.48%	0.054%
15	8.681	961	968	972	rBV	127820	210200	5.94%	0.668%
16	8.733	972	977	985	rVV	516885	835977	23.61%	2.656%
17	8.786	985	986	992	rVB5	3319	4394	0.12%	0.014%
18	8.922	1006	1009	1014	rBV5	4518	5963	0.17%	0.019%
19	9.310	1071	1075	1079	rBV4	2787	4127	0.12%	0.013%
20	9.451	1092	1099	1115	rVB	454923	739445	20.88%	2.349%
21	9.675	1134	1137	1143	rVB7	2389	4141	0.12%	0.013%
22	9.986	1182	1190	1204	rBV	667421	1089426	30.77%	3.461%
23	10.280	1235	1240	1247	rVB4	26128	45700	1.29%	0.145%
24	10.357	1247	1253	1261	rVB	524340	852746	24.08%	2.709%
25	10.427	1261	1265	1270	rVB4	23469	35027	0.99%	0.111%
26	10.498	1270	1277	1287	rBV2	39162	73134	2.07%	0.232%
27	10.669	1302	1306	1315	rBV7	4609	8396	0.24%	0.027%
28	11.004	1357	1363	1370	rVB3	13800	26975	0.76%	0.086%
29	11.369	1417	1425	1428	rBV7	2788	7138	0.20%	0.023%
30	11.545	1450	1455	1460	rBV2	10149	18169	0.51%	0.058%
31	11.757	1488	1491	1495	rVB4	2341	3616	0.10%	0.011%
32	11.886	1507	1513	1519	rBV4	3779	7165	0.20%	0.023%
33	11.957	1521	1525	1530	rBV2	8121	12394	0.35%	0.039%
34	12.427	1599	1605	1608	rBV4	3281	5229	0.15%	0.017%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027292.D
Acq On : 01 Sep 2020 11:38
Operator : JU/CG
Sample : L3840-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Title : SVOA CALIBRATION

35	12.592	1626	1633	1641	rBV	75782	119681	3.38%	0.380%
36	12.845	1670	1676	1685	rVB	71179	101436	2.86%	0.322%
37	13.074	1712	1715	1721	rVB3	5008	7840	0.22%	0.025%
38	13.151	1723	1728	1733	rVV3	13032	20426	0.58%	0.065%
39	13.645	1806	1812	1817	rBV	1249280	1695609	47.88%	5.387%
40	13.692	1817	1820	1832	rVB	229063	293378	8.28%	0.932%
41	13.804	1838	1839	1844	rVB4	3460	4395	0.12%	0.014%
42	13.916	1850	1858	1868	rBV	1329616	1913077	54.02%	6.078%
43	14.098	1883	1889	1893	rBV2	8371	13348	0.38%	0.042%
44	14.227	1903	1911	1921	rVB	853808	1205928	34.06%	3.832%
45	14.327	1921	1928	1932	rBV4	8602	12134	0.34%	0.039%
46	14.439	1942	1947	1957	rBV2	85957	158890	4.49%	0.505%
47	14.827	2009	2013	2019	rBV5	8507	13130	0.37%	0.042%
48	14.921	2024	2029	2035	rBV4	7020	14164	0.40%	0.045%
49	14.992	2035	2041	2047	rVB2	5385	8808	0.25%	0.028%
50	15.062	2047	2053	2060	rBV2	446976	633952	17.90%	2.014%
51	15.227	2074	2081	2092	rVB	1728709	2408012	68.00%	7.651%
52	15.351	2096	2102	2114	rVV	578046	775919	21.91%	2.465%
53	15.468	2117	2122	2127	rVB2	20889	29563	0.83%	0.094%
54	15.521	2127	2131	2135	rVB7	5262	5412	0.15%	0.017%
55	15.598	2138	2144	2151	rVB	36535	54197	1.53%	0.172%
56	15.686	2154	2159	2162	rBV4	4693	5626	0.16%	0.018%
57	15.815	2177	2181	2186	rVB5	4819	7931	0.22%	0.025%
58	15.921	2198	2199	2205	rVB4	2607	4066	0.11%	0.013%
59	16.015	2211	2215	2220	rVB2	6497	8805	0.25%	0.028%
60	16.086	2224	2227	2233	rVV6	3239	5160	0.15%	0.016%
61	16.151	2233	2238	2242	rVB6	3455	7073	0.20%	0.022%
62	16.345	2266	2271	2275	rBV3	7668	10541	0.30%	0.033%
63	16.639	2316	2321	2326	rBV5	8868	15279	0.43%	0.049%
64	16.762	2336	2342	2345	rBV6	5696	7408	0.21%	0.024%
65	16.974	2372	2378	2387	rVB	1102964	1454721	41.08%	4.622%
66	17.074	2388	2395	2405	rVV	2143154	2902858	81.98%	9.223%
67	17.280	2425	2430	2436	rBV	11828	15329	0.43%	0.049%
68	17.509	2466	2469	2472	rVB4	3582	3977	0.11%	0.013%
69	17.662	2490	2495	2501	rBV	358925	429005	12.12%	1.363%
70	17.827	2521	2523	2530	rVB7	3177	4581	0.13%	0.015%
71	17.898	2530	2535	2541	rBV	95869	139424	3.94%	0.443%

LSC Area Percent Report

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Acq On : 01 Sep 2020 11:38
Operator : JU/CG
Sample : L3840-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Title : SVOA CALIBRATION

72	17.956	2541	2545	2556	rVB	27688	55123	1.56%	0.175%
73	18.098	2564	2569	2573	rBV2	11167	17648	0.50%	0.056%
74	18.139	2574	2576	2580	rVB4	5033	5782	0.16%	0.018%
75	18.962	2714	2716	2720	rBV3	4856	6150	0.17%	0.020%
76	19.003	2720	2723	2728	rVV2	19544	25886	0.73%	0.082%
77	19.186	2750	2754	2759	rBV6	23704	36660	1.04%	0.116%
78	19.262	2763	2767	2773	rVV	23104	32727	0.92%	0.104%
79	19.374	2780	2786	2793	rBV	2766193	3541106	100.00%	11.251%
80	19.645	2830	2832	2835	rBV3	5795	4894	0.14%	0.016%
81	20.915	3043	3048	3055	rBV	286779	402447	11.37%	1.279%
82	21.174	3087	3092	3097	rBV	1349395	1601919	45.24%	5.090%
83	21.786	3194	3196	3204	rVB4	46477	68527	1.94%	0.218%
84	23.215	3433	3439	3446	rBV	1686881	2905644	82.05%	9.232%
85	23.350	3457	3462	3470	rVB2	811565	1429672	40.37%	4.543%

Sum of corrected areas: 31473025

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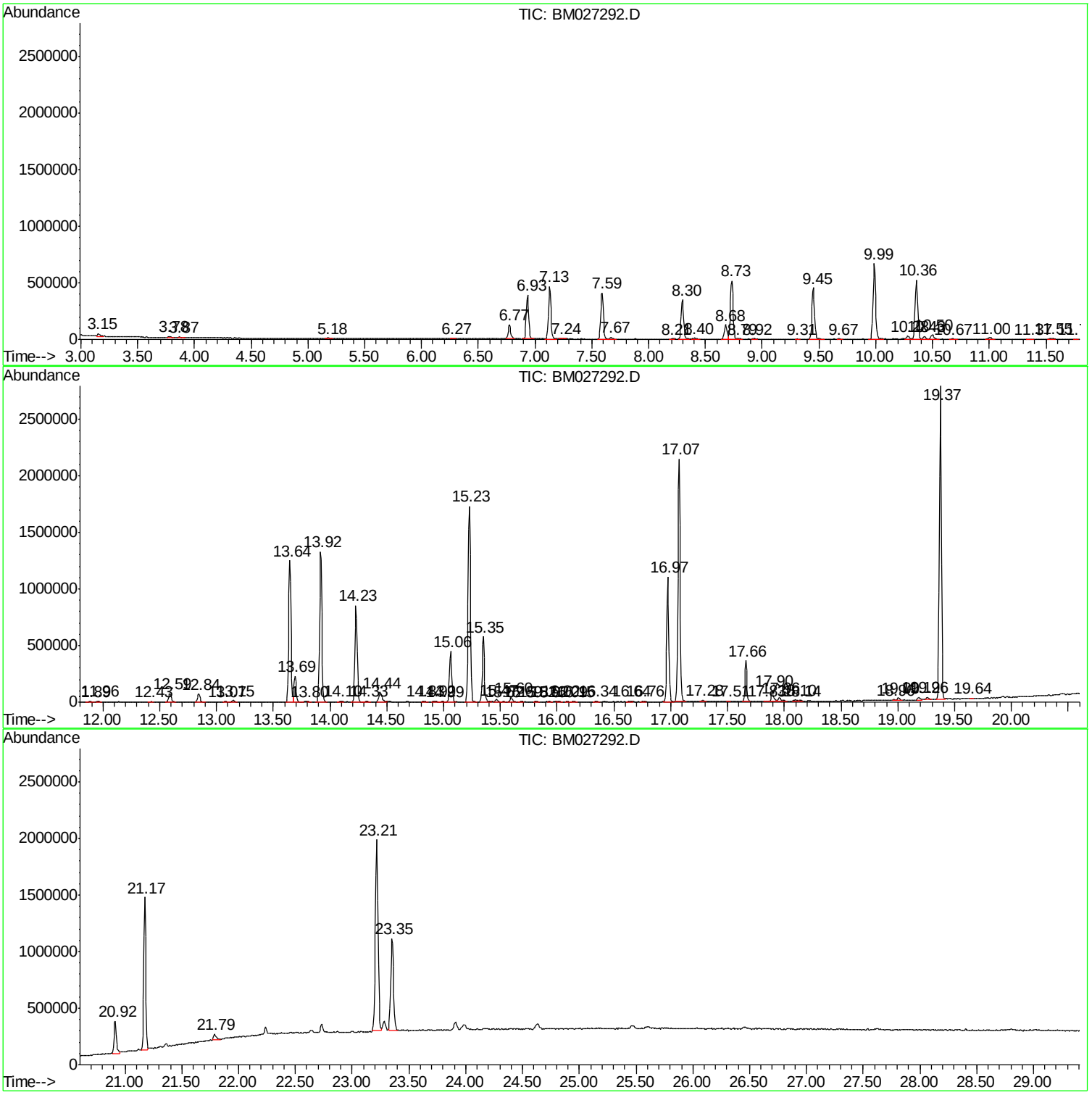
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027292.D
Acq On : 01 Sep 2020 11:38
Operator : JU/CG
Sample : L3840-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

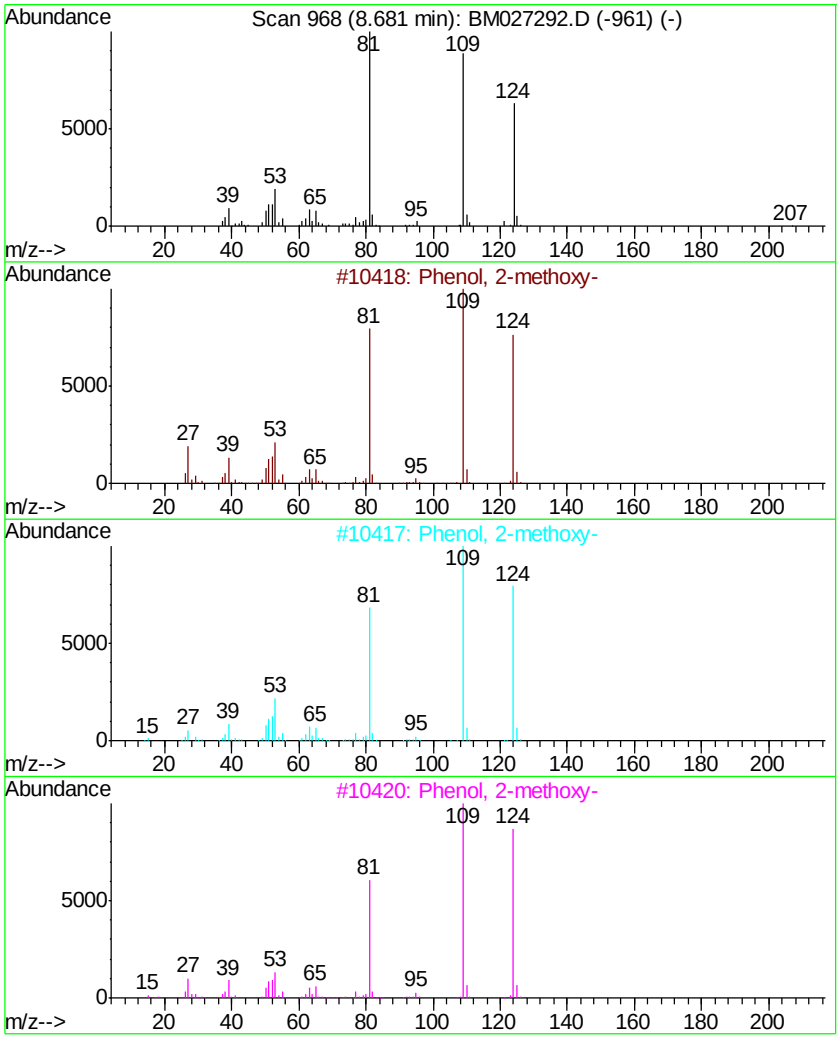
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

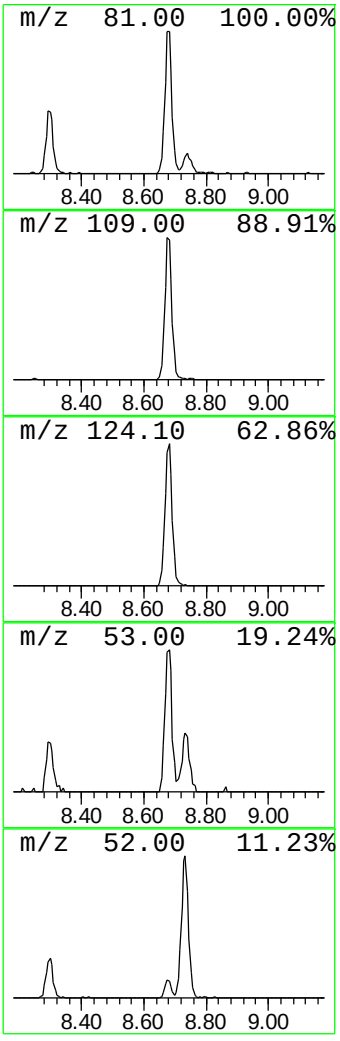
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	6.49 ng/ul	210200	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	92
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	64
5	Mequinol	124	C7H8O2	000150-76-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027292.D
Acq On : 01 Sep 2020 11:38
Operator : JU/CG
Sample : L3840-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

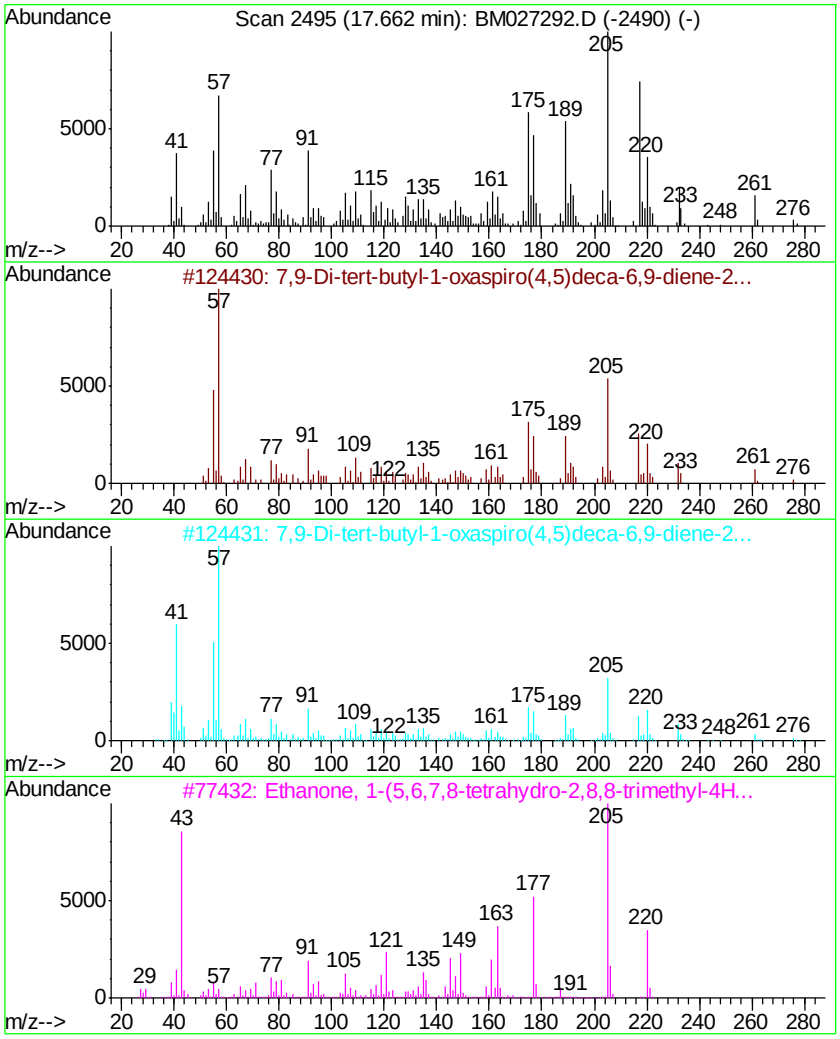
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

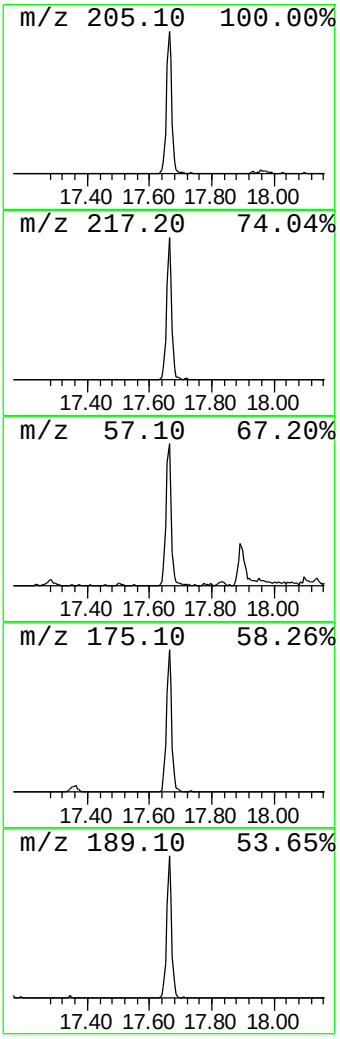
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	5.90 ng/ul	429005	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	51
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	50
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	48





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Data File : BM027292.D
Acq On : 01 Sep 2020 11:38
Operator : JU/CG
Sample : L3840-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

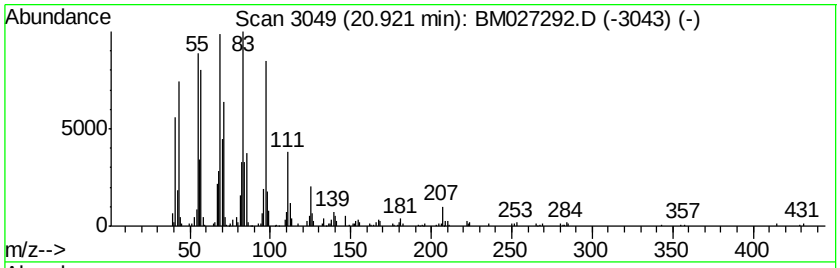
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

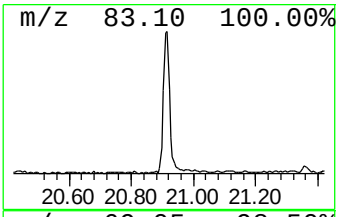
****

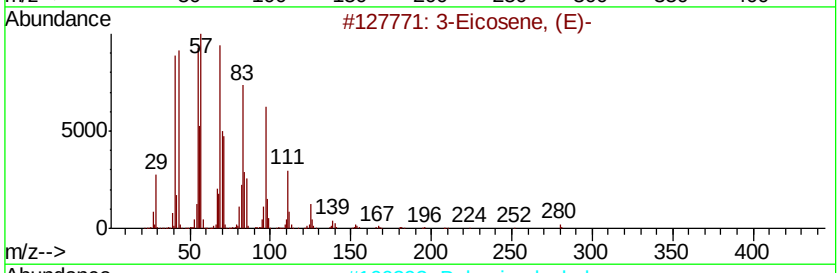
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

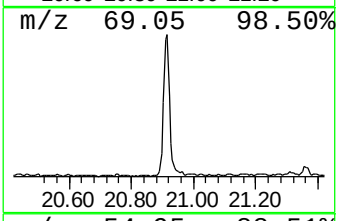
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.02 ng/ul	402447	Chrysene-d12	21.17

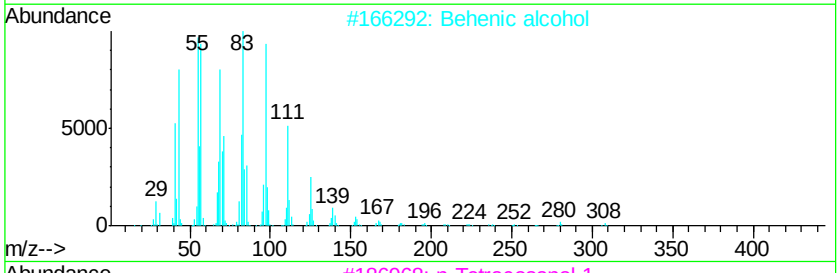
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Cyclotetradecane	196	C14H28	000295-17-0	93

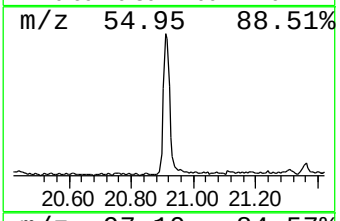


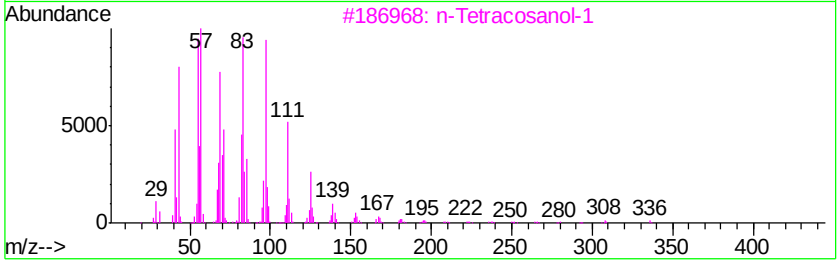


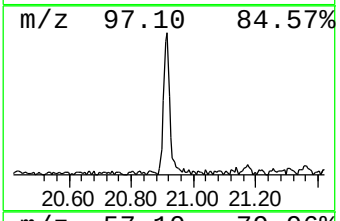


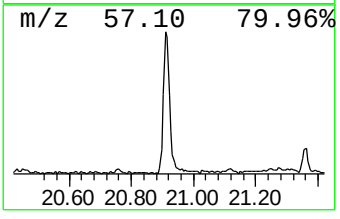












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090120\
Data File : BM027292.D
Acq On : 01 Sep 2020 11:38
Operator : JU/CG
Sample : L3840-11
Misc :
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Instrument : BNA_M
ClientSampleId : C0AE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-methoxy-	8.68	6.5	ng/ul	210200	1	7.59	647759	20.0
7,9-Di-tert-butyl...	17.66	5.9	ng/ul	429005	4	16.97	1454720	20.0
(DEL) Alkane: Str...	20.92	5.0	ng/ul	402447	5	21.17	1601920	20.0