LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027291.D
Acq On : 01 Sep 2020 11:02
Operator : JU/CG
Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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	3.157	25	29	34	rVB	25558	33379	1.01%	0.113%
2	3.781	131	135	141	rVB	11559	18457	0.56%	0.062%
3	3.875	146	151	159	rVB4	6176	11976	0.36%	0.040%
4	5.175	369	372	380	rVB4	5025	8845	0.27%	0.030%
5	6.275	555	559	565	rBV6	5286	7005	0.21%	0.024%
6	6.775	638	644	655	rVB	116940	186020	5.61%	0.628%
7	6.934	665	671	679	rBV	334115	514145	15.50%	1.735%
8	7.128	698	704	714	rBV	413326	641002	19.33%	2.163%
9	7.239	718	723	727	rBV6	3282	5226	0.16%	0.018%
10	7.587	776	782	790	rBV	398229	622442	18.77%	2.100%
11	7.669	791	796	802	rVB	12677	19225	0.58%	0.065%
12	8.216	886	889	893	rVB5	3044	3749	0.11%	0.013%
13	8.298	895	903	915	rBV	316448	506105	15.26%	1.708%
14	8.410	917	922	925	rVB	7363	10634	0.32%	0.036%
15	8.681	961	968	972	rBV	116158	189873	5.73%	0.641%
16	8.734	972	977	984	rVB	449330	725943	21.89%	2.450%
17	8.934	1005	1011	1015	rBV5	4994	8419	0.25%	0.028%
18	9.451	1090	1099	1113	rBV	397729	648269	19.55%	2.187%
19	9.986	1182	1190	1203	rBV	596451	971934	29.31%	3.280%
20	10.286	1235	1241	1247	rVV4	22408	39816	1.20%	0.134%
21	10.357	1247	1253	1260	rVV	498617	821823	24.78%	2.773%
22	10.428	1260	1265	1272	rVB2	20976	31579	0.95%	0.107%
23	10.498	1272	1277	1286	rBV	42108	72750	2.19%	0.245%
24	11.004	1356	1363	1371	rBV3	15717	28120	0.85%	0.095%
25	11.545	1450	1455	1457	rBV	7665	11110	0.33%	0.037%
26	11.892	1509	1514	1520	rVB4	3905	6266	0.19%	0.021%
27	11.957	1520	1525	1530	rVB3	7300	11965	0.36%	0.040%
28	12.151	1549	1558	1561	rBV4	2374	6894	0.21%	0.023%
29	12.427	1600	1605	1608	rVB3	2441	3996	0.12%	0.013%
30	12.592	1624	1633	1640	rBV	63338	104108	3.14%	0.351%
31	12.845	1669	1676	1684	rBV	67597	93159	2.81%	0.314%
32	13.080	1712	1716	1722	rVB3	4877	7913	0.24%	0.027%
33	13.145	1722	1727	1733	rBV2	9218	15434	0.47%	0.052%
34	13.645	1805	1812	1817	rBV	1212817	1623756	48.96%	5.479%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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	13.692	1817	1820	1828	rVV	153107	197087	5.94%	0.665%
36	13.780	1831	1835	1837	rVV4	2799	4961	0.15%	0.017%
37	13.810	1837	1840	1845	rVB5	3603	5181	0.16%	0.017%
38	13.916	1850	1858	1867	rBV	1214649	1747395	52.69%	5.896%
39	14.098	1884	1889	1894	rBV2	7871	11725	0.35%	0.040%
40	14.145	1894	1897	1903	rVB7	2176	3856	0.12%	0.013%
41	14.227	1905	1911	1921	rVV	805523	1177321	35.50%	3.973%
42	14.327	1924	1928	1934	rBV4	8136	12851	0.39%	0.043%
43	14.439	1941	1947	1957	rBV	87227	169205	5.10%	0.571%
44	14.827	2005	2013	2018	rBV6	8348	12599	0.38%	0.043%
45	14.915	2023	2028	2035	rBV2	7643	13121	0.40%	0.044%
46	14.986	2035	2040	2047	rVB3	5371	8752	0.26%	0.030%
47	15.063	2047	2053	2063	rBV2	410131	581958	17.55%	1.964%
48	15.227	2074	2081	2092	rVB	1632965	2276935	68.66%	7.683%
49	15.351	2095	2102	2114	rVV	532885	739302	22.29%	2.495%
50	15.468	2117	2122	2129	rVV	20051	30355	0.92%	0.102%
51	15.521	2129	2131	2136	rVB6	4444	6412	0.19%	0.022%
52	15.598	2139	2144	2152	rVV	36129	53695	1.62%	0.181%
53	15.686	2152	2159	2163	rVB6	6404	8786	0.26%	0.030%
54	15.821	2179	2182	2188	rVB4	4940	7732	0.23%	0.026%
55	16.010	2211	2214	2219	rVB4	5393	7533	0.23%	0.025%
56	16.339	2262	2270	2276	rBV3	6563	13085	0.39%	0.044%
57	16.639	2317	2321	2331	rVB6	9212	19513	0.59%	0.066%
58	16.768	2338	2343	2351	rVB4	5652	9311	0.28%	0.031%
59	16.974	2372	2378	2388	rBV	1073663	1443244	43.52%	4.870%
60	17.074	2388	2395	2411	rBV	2039494	2775781	83.70%	9.366%
61	17.280	2426	2430	2434	rVB2	10128	14361	0.43%	0.048%
62	17.504	2465	2468	2471	rBV3	2885	3495	0.11%	0.012%
63	17.662	2490	2495	2501	rBV	336757	404805	12.21%	1.366%
64	17.774	2512	2514	2518	rBV4	3149	3644	0.11%	0.012%
65	17.898	2530	2535	2542	rBV2	100002	151885	4.58%	0.513%
66	17.956	2542	2545	2552	rVB	23881	39176	1.18%	0.132%
67	18.104	2565	2570	2574	rBV4	10231	15631	0.47%	0.053%
68	18.139	2574	2576	2580	rVV3	3979	4725	0.14%	0.016%
69	18.703	2669	2672	2674	rBV4	4368	4974	0.15%	0.017%
70	18.768	2679	2683	2689	rVB7	7267	11381	0.34%	0.038%
71	18.968	2714	2717	2719	rVV2	8100	9330	0.28%	0.031%

LSC Area Percent Report

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Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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

72	19.009	2720	2724	2729	rVB2	19348	27548	0.83%	0.093%
73	19.186	2750	2754	2760	rBV6	29360	45721	1.38%	0.154%
74	19.256	2763	2766	2771	rVB	19875	27084	0.82%	0.091%
75	19.374	2780	2786	2792	rBV	2537681	3316428	100.00%	11.191%
76	19.545	2813	2815	2816	rBV2	4840	3576	0.11%	0.012%
77	19.598	2822	2824	2826	rBV3	4792	4684	0.14%	0.016%
78	19.645	2828	2832	2839	rVB3	50558	60653	1.83%	0.205%
79	20.909	3043	3047	3057	rBV	257783	373498	11.26%	1.260%
80	21.174	3087	3092	3101	rBV	1218129	1533875	46.25%	5.176%
81	22.239	3270	3273	3278	rBV3	79958	90658	2.73%	0.306%
82	22.733	3354	3357	3366	rVB2	102492	145238	4.38%	0.490%
83	23.215	3433	3439	3446	rBV	1492717	2592670	78.18%	8.748%
84	23.350	3456	3462	3472	rVB	774491	1401762	42.27%	4.730%

Sum of corrected areas: 29635835

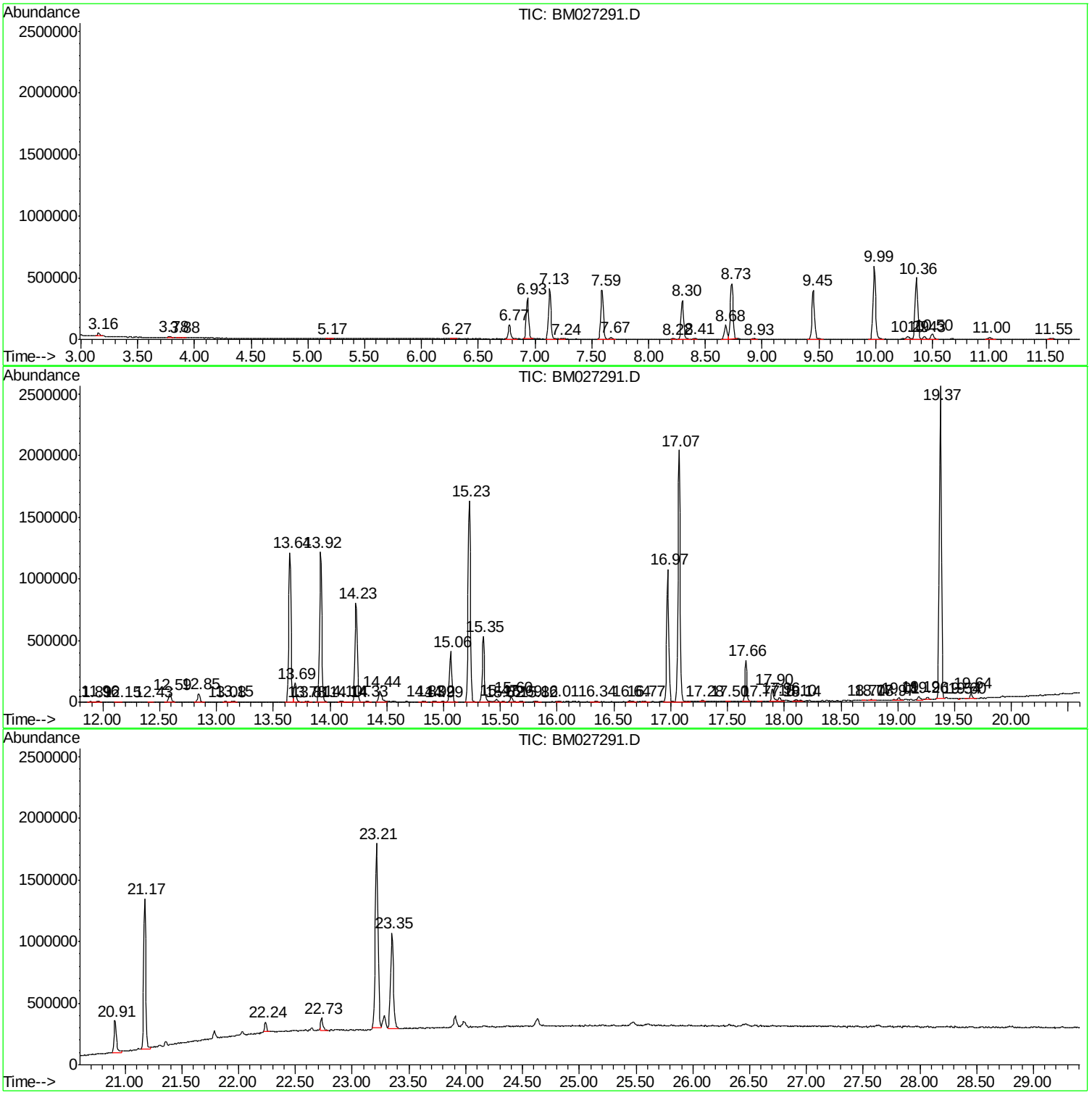
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027291.D
Acq On : 01 Sep 2020 11:02
Operator : JU/CG
Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

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 : BM027291.D
Acq On : 01 Sep 2020 11:02
Operator : JU/CG
Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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

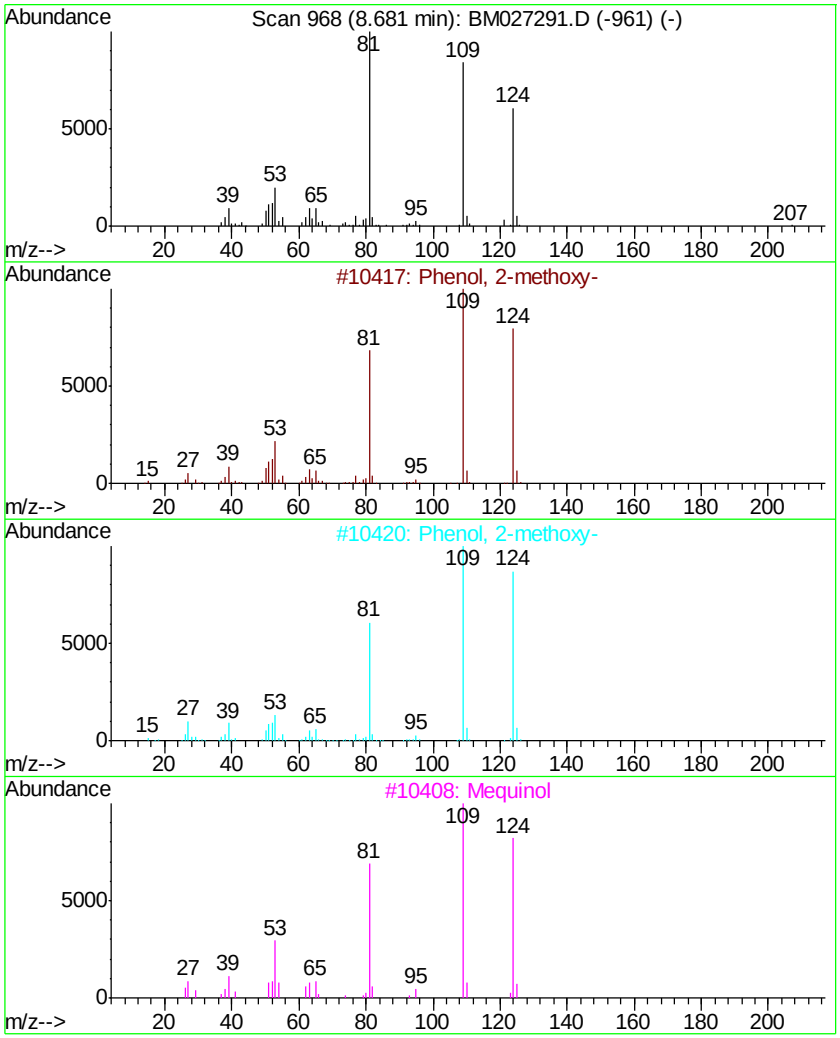
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

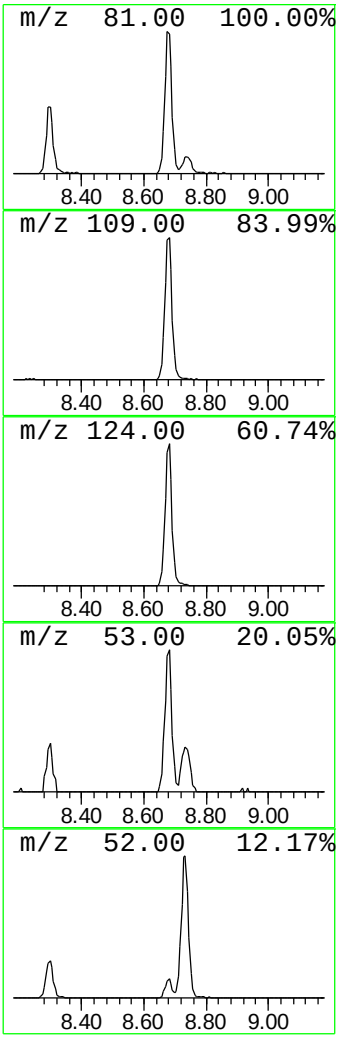
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	6.10 ng/ul	189873	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	92
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	83
3	Mequinol	124	C7H8O2	000150-76-5	70
4	Mequinol	124	C7H8O2	000150-76-5	70
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027291.D
Acq On : 01 Sep 2020 11:02
Operator : JU/CG
Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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

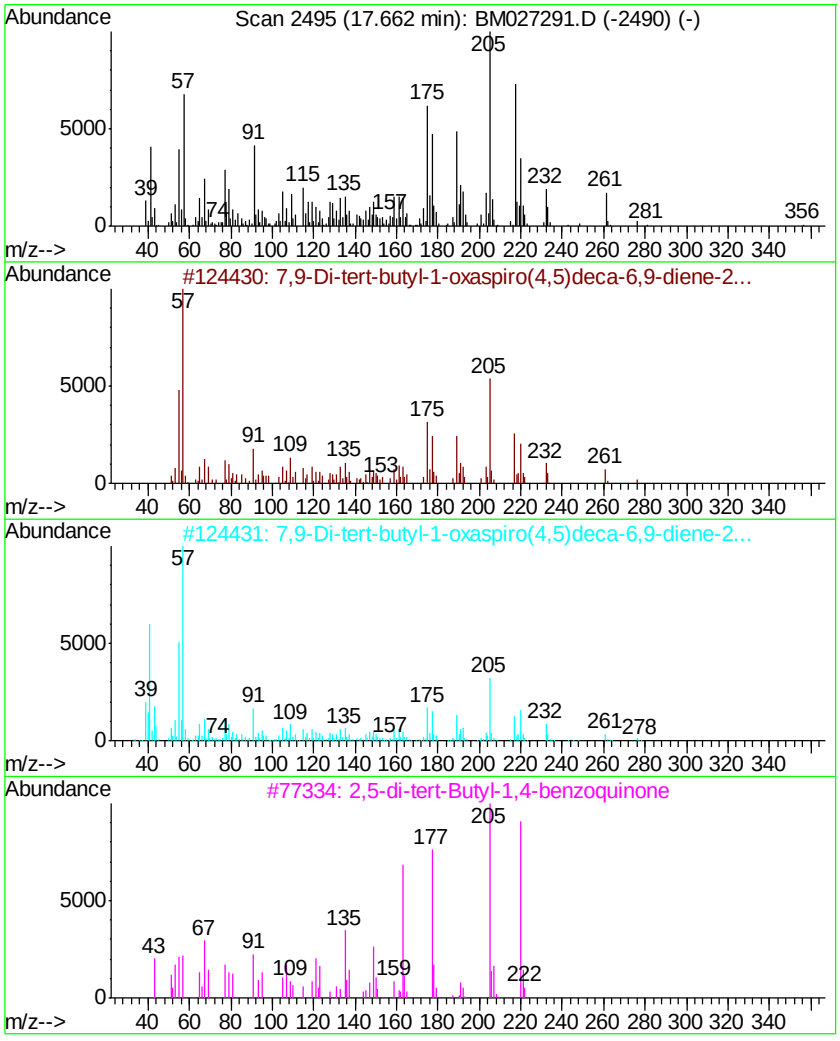
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

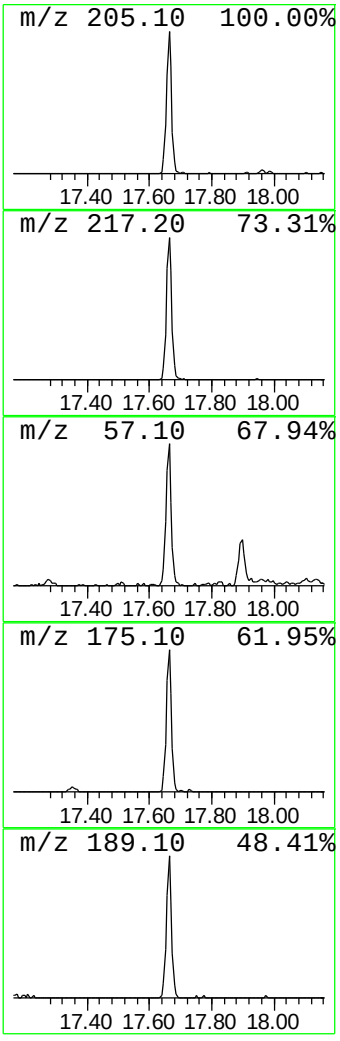
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	5.61 ng/ul	404805	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	95
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	42
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	38





Library Search Compound Report

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Data File : BM027291.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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

TIC Library : C:\DATABASE\NIST11.L
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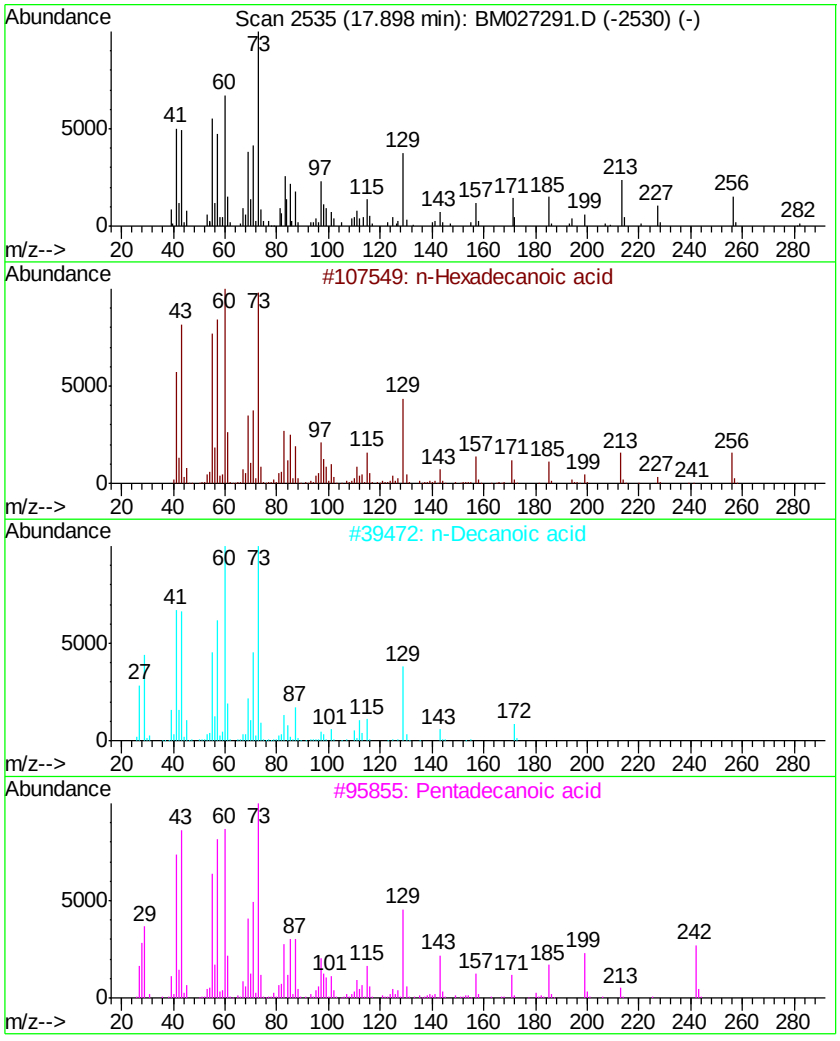
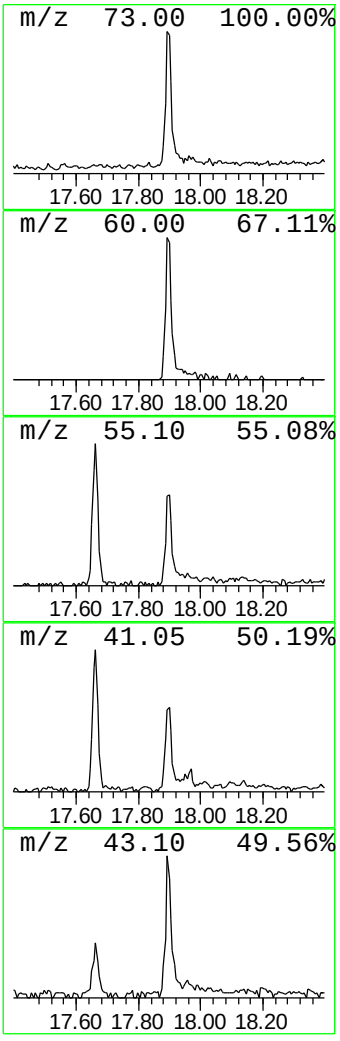
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.10 ng/ul	151885	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





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Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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

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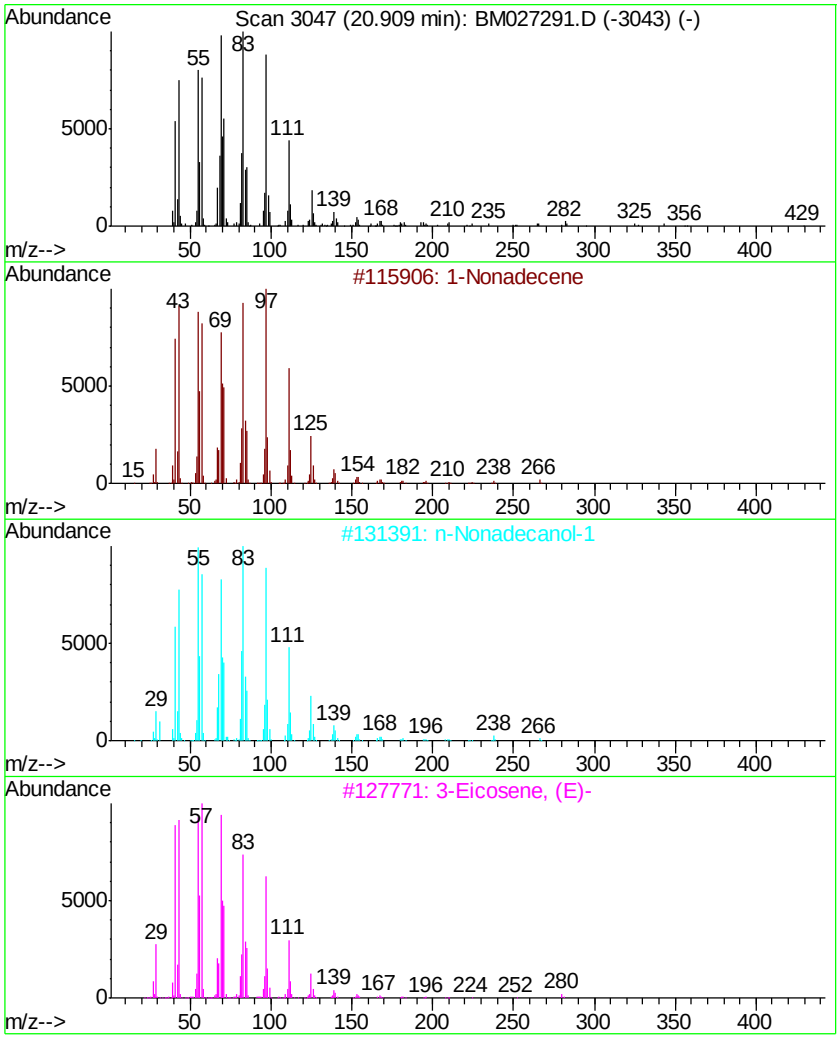
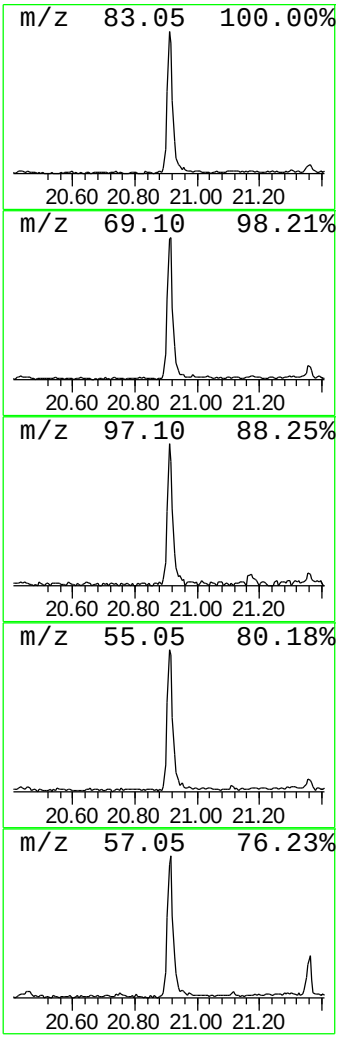
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.87 ng/ul	373498	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Behenic alcohol	326	C22H46O	000661-19-8	86
5	1-Docosene	308	C22H44	001599-67-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027291.D
Acq On : 01 Sep 2020 11:02
Operator : JU/CG
Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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

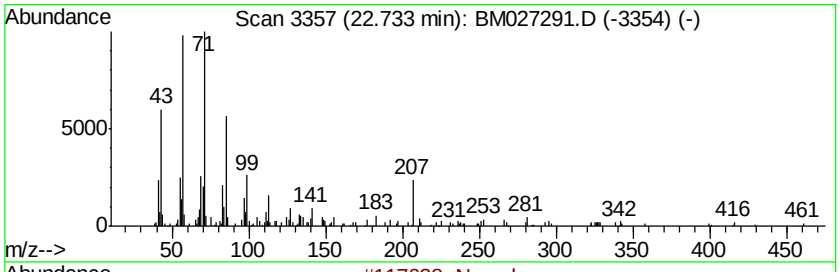
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

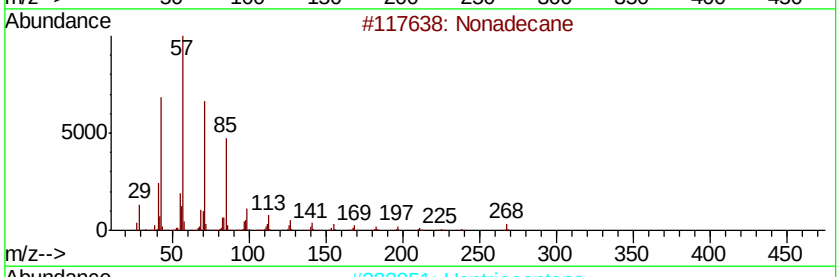
****

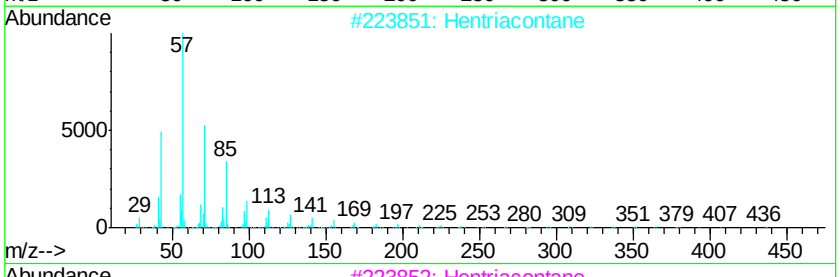
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

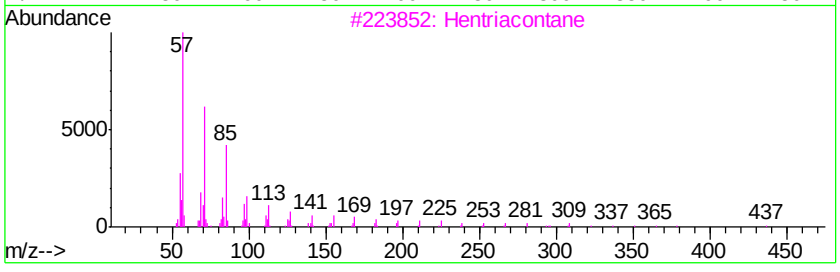
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	2.07 ng/ul	145238	Perylene-d12	23.35

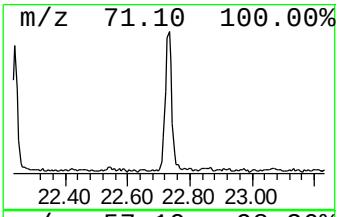
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Hexacosane	366	C26H54	000630-01-3	80

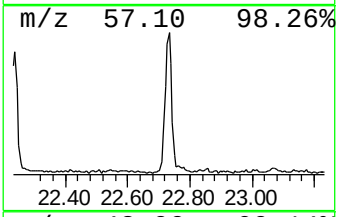


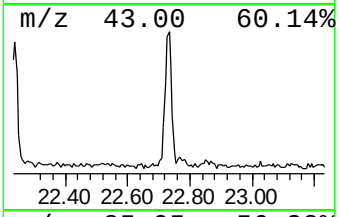


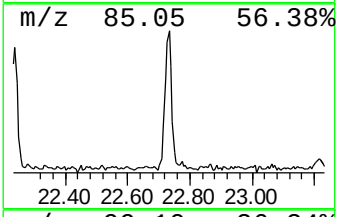


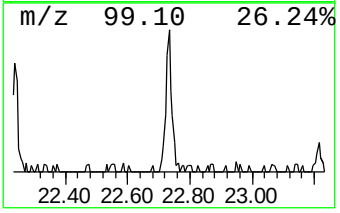












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090120\
Data File : BM027291.D
Acq On : 01 Sep 2020 11:02
Operator : JU/CG
Sample : L3840-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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	6.1	ng/ul	189873	1	7.59	622442	20.0
7,9-Di-tert-butyl...	17.66	5.6	ng/ul	404805	4	16.97	1443240	20.0
n-Hexadecanoic acid	17.90	2.1	ng/ul	151885	4	16.97	1443240	20.0
(DEL) Alkane: Str...	20.91	4.9	ng/ul	373498	5	21.17	1533880	20.0
(DEL) Alkane: Str...	22.73	2.1	ng/ul	145238	6	23.35	1401760	20.0