LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028681.D
Acq On : 09 Feb 2021 11:09
Operator : CG/JU
Sample : M1311-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A43

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-BM011621MA.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	3.122	21	23	24	rVB2	953	515	0.10%	0.010%
2	3.205	34	37	42	rVB	4940	6097	1.20%	0.124%
3	3.599	101	104	107	rBV2	314	509	0.10%	0.010%
4	3.887	147	153	156	rBV2	482	813	0.16%	0.017%
5	3.981	166	169	173	rVB	1564	2000	0.39%	0.041%
6	4.375	232	236	240	rBV2	2021	2381	0.47%	0.048%
7	5.922	496	499	503	rBB	2647	3067	0.61%	0.062%
8	7.069	687	694	704	rBB2	25947	46396	9.16%	0.944%
9	7.228	715	721	730	rBB	80874	124400	24.56%	2.532%
10	7.422	749	754	764	rBB	91756	148331	29.28%	3.019%
11	7.893	829	834	841	rBV	72723	112306	22.17%	2.286%
12	7.957	841	845	852	rVB	5165	7298	1.44%	0.149%
13	8.616	952	957	967	rVB	69953	109302	21.58%	2.225%
14	8.734	974	977	982	rBB	1654	2260	0.45%	0.046%
15	9.004	1019	1023	1027	rBB2	3346	5037	0.99%	0.103%
16	9.069	1028	1034	1043	rBB	97221	156372	30.87%	3.183%
17	9.451	1095	1099	1102	rBB2	1634	2212	0.44%	0.045%
18	9.792	1151	1157	1165	rBB	81982	129802	25.62%	2.642%
19	9.939	1179	1182	1183	rBV	666	674	0.13%	0.014%
20	10.334	1243	1249	1259	rBB	115822	190198	37.54%	3.871%
21	10.704	1305	1312	1319	rBV	95050	152656	30.13%	3.107%
22	10.857	1333	1338	1345	rBB	5371	8202	1.62%	0.167%
23	11.498	1446	1447	1450	rBB	756	565	0.11%	0.011%
24	12.010	1530	1534	1538	rBB	1983	2575	0.51%	0.052%
25	12.292	1579	1582	1586	rBB	1387	1870	0.37%	0.038%
26	12.898	1682	1685	1689	rBB2	758	1043	0.21%	0.021%
27	13.151	1724	1728	1732	rBB	3101	3987	0.79%	0.081%
28	13.357	1761	1763	1765	rBB	882	755	0.15%	0.015%
29	13.392	1766	1769	1772	rBB	1273	1408	0.28%	0.029%
30	13.480	1780	1784	1790	rBB	4750	6605	1.30%	0.134%
31	13.957	1859	1865	1870	rBV	193812	254571	50.25%	5.181%
32	14.004	1870	1873	1877	rVB	4263	5314	1.05%	0.108%
33	14.192	1902	1905	1908	rBV	1793	2278	0.45%	0.046%
34	14.239	1908	1913	1920	rVV	227060	336247	66.37%	6.844%

LSC Area Percent Report

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Acq On : 09 Feb 2021 11:09
Operator : CG/JU
Sample : M1311-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A43

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-BM011621MA.M
Title : SVOA CALIBRATION

35	14.433	1943	1946	1948	rBB	643	614	0.12%	0.012%
36	14.545	1960	1965	1972	rBB2	125705	182506	36.03%	3.715%
37	14.627	1976	1979	1983	rBB	1207	1374	0.27%	0.028%
38	14.769	1998	2003	2013	rBB	13391	21804	4.30%	0.444%
39	15.169	2069	2071	2075	rBB	636	850	0.17%	0.017%
40	15.216	2076	2079	2085	rBB	1532	2034	0.40%	0.041%
41	15.333	2095	2099	2102	rBV	1909	2202	0.43%	0.045%
42	15.363	2102	2104	2106	rVV	959	1120	0.22%	0.023%
43	15.539	2128	2134	2142	rVB	288003	390899	77.16%	7.956%
44	15.668	2151	2156	2164	rVB	91109	117293	23.15%	2.387%
45	15.774	2171	2174	2178	rVB	1800	2071	0.41%	0.042%
46	15.898	2192	2195	2199	rVB2	809	1053	0.21%	0.021%
47	16.210	2244	2248	2249	rBV2	521	518	0.10%	0.011%
48	16.510	2295	2299	2303	rVB	1670	2077	0.41%	0.042%
49	16.663	2321	2325	2327	rVB	471	590	0.12%	0.012%
50	17.027	2385	2387	2389	rVV	767	639	0.13%	0.013%
51	17.186	2412	2414	2418	rVB2	1096	988	0.20%	0.020%
52	17.280	2425	2430	2436	rBV	137645	190909	37.68%	3.886%
53	17.339	2436	2440	2441	rVV	827	795	0.16%	0.016%
54	17.380	2441	2447	2456	rVV	306880	420485	83.00%	8.558%
55	17.557	2473	2477	2482	rBV2	1651	2002	0.40%	0.041%
56	17.939	2537	2542	2546	rVB2	37718	42045	8.30%	0.856%
57	18.045	2556	2560	2565	rBV2	1843	2984	0.59%	0.061%
58	18.157	2573	2579	2588	rBV	16993	24338	4.80%	0.495%
59	18.239	2589	2593	2595	rVB	2552	2848	0.56%	0.058%
60	18.315	2601	2606	2608	rBV4	1455	1817	0.36%	0.037%
61	18.421	2621	2624	2625	rBV3	556	594	0.12%	0.012%
62	18.445	2626	2628	2631	rVB4	956	969	0.19%	0.020%
63	18.492	2633	2636	2639	rVB2	829	929	0.18%	0.019%
64	18.598	2651	2654	2658	rVB3	618	785	0.15%	0.016%
65	18.657	2658	2664	2669	rBV	6016	10349	2.04%	0.211%
66	18.751	2677	2680	2681	rVV2	1217	1219	0.24%	0.025%
67	18.780	2681	2685	2688	rVB3	1487	2155	0.43%	0.044%
68	18.915	2700	2708	2712	rBV	40717	52037	10.27%	1.059%
69	18.998	2718	2722	2729	rVB	11334	15338	3.03%	0.312%
70	19.068	2729	2734	2740	rVV	4617	6664	1.32%	0.136%
71	19.174	2750	2752	2754	rBV2	683	603	0.12%	0.012%

LSC Area Percent Report

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Data File : BM028681.D
Acq On : 09 Feb 2021 11:09
Operator : CG/JU
Sample : M1311-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A43

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-BM011621MA.M
Title : SVOA CALIBRATION

72	19.256	2764	2766	2769	rVB4	691	608	0.12%	0.012%
73	19.298	2769	2773	2775	rBV2	3577	4490	0.89%	0.091%
74	19.433	2792	2796	2800	rBV3	6251	9595	1.89%	0.195%
75	19.545	2811	2815	2820	rVB	13994	15202	3.00%	0.309%
76	19.609	2823	2826	2829	rVV3	3018	4028	0.80%	0.082%
77	19.656	2829	2834	2841	rVB	367114	477269	94.21%	9.714%
78	19.862	2866	2869	2870	rBV3	1401	1459	0.29%	0.030%
79	20.074	2901	2905	2909	rBV	5997	7234	1.43%	0.147%
80	20.286	2939	2941	2944	rVB4	2302	2436	0.48%	0.050%
81	20.551	2982	2986	2990	rBV	9428	10969	2.17%	0.223%
82	20.756	3017	3021	3025	rBV	30542	32776	6.47%	0.667%
83	21.133	3081	3085	3093	rBV	41298	58901	11.63%	1.199%
84	21.427	3130	3135	3143	rBV	182897	220654	43.56%	4.491%
85	23.527	3485	3492	3499	rVB	283969	506601	100.00%	10.311%
86	23.668	3510	3516	3523	rVB2	123037	224393	44.29%	4.567%

Sum of corrected areas: 4913158

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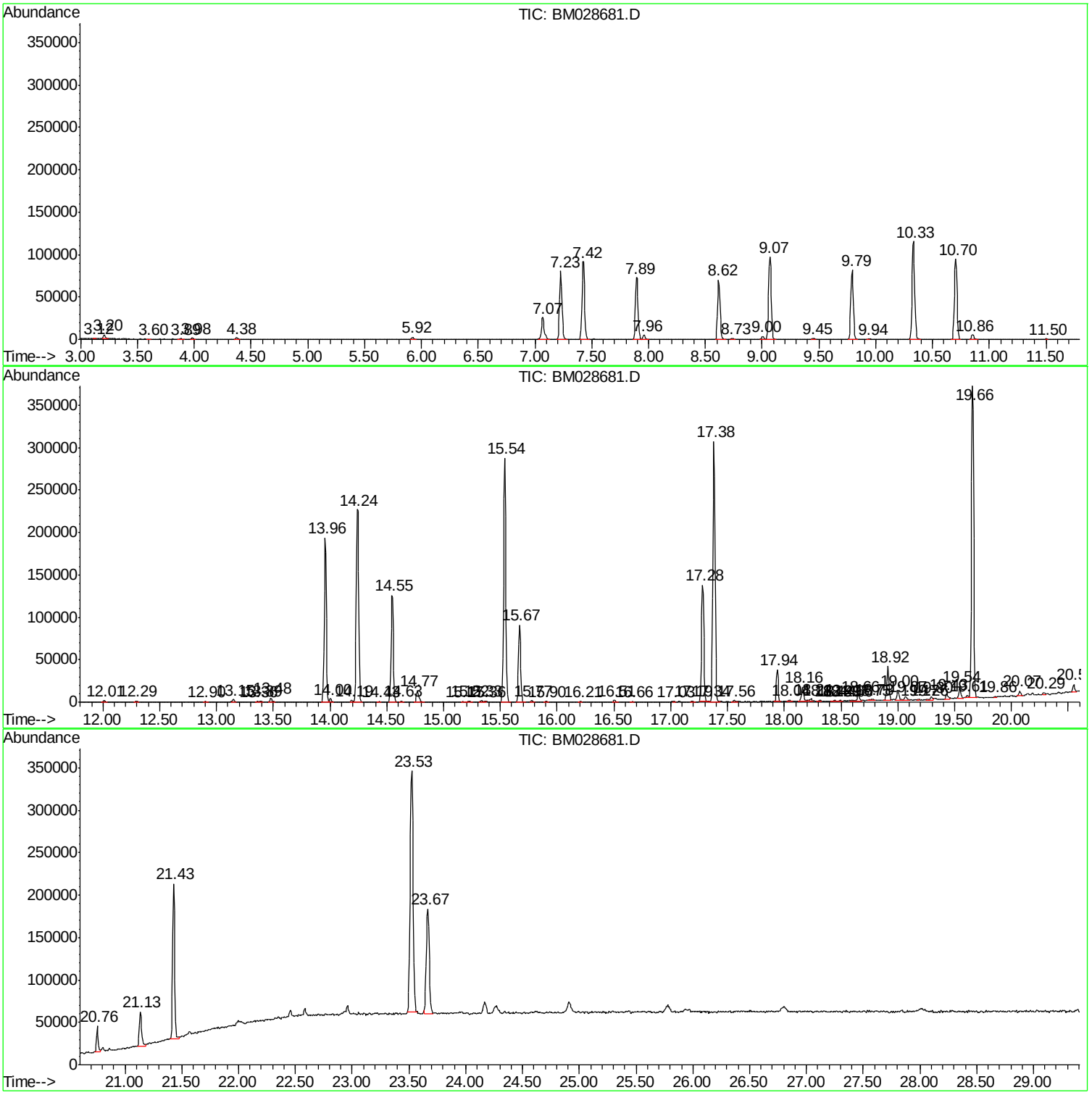
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0A43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028681.D
Acq On : 09 Feb 2021 11:09
Operator : CG/JU
Sample : M1311-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

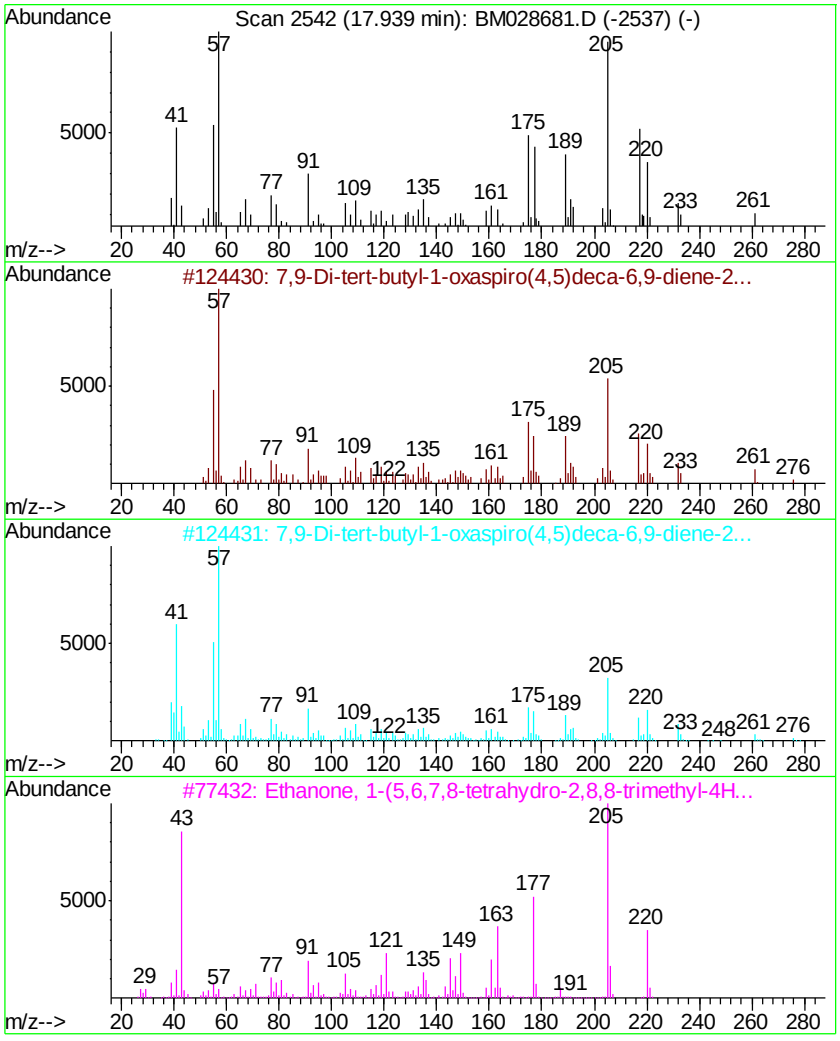
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

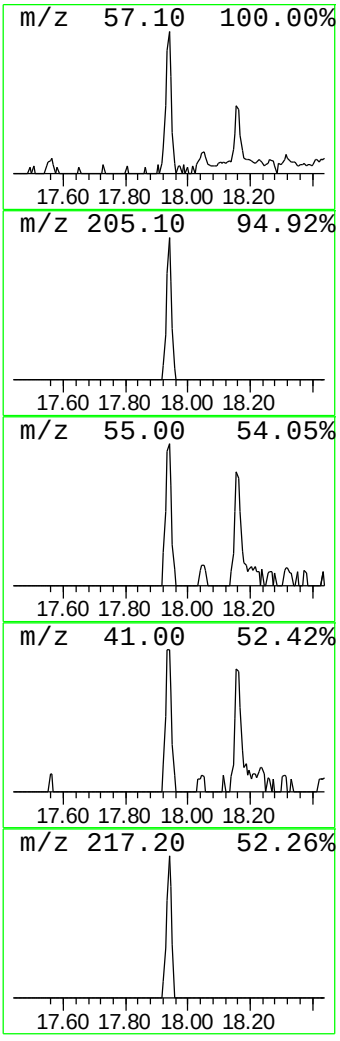
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	4.40 ng/ul	42045	Phenanthrene-d10	17.28

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	87
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	43
4	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	43
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	38





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Misc :
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Instrument : BNA_M
ClientSampleId : C0A43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

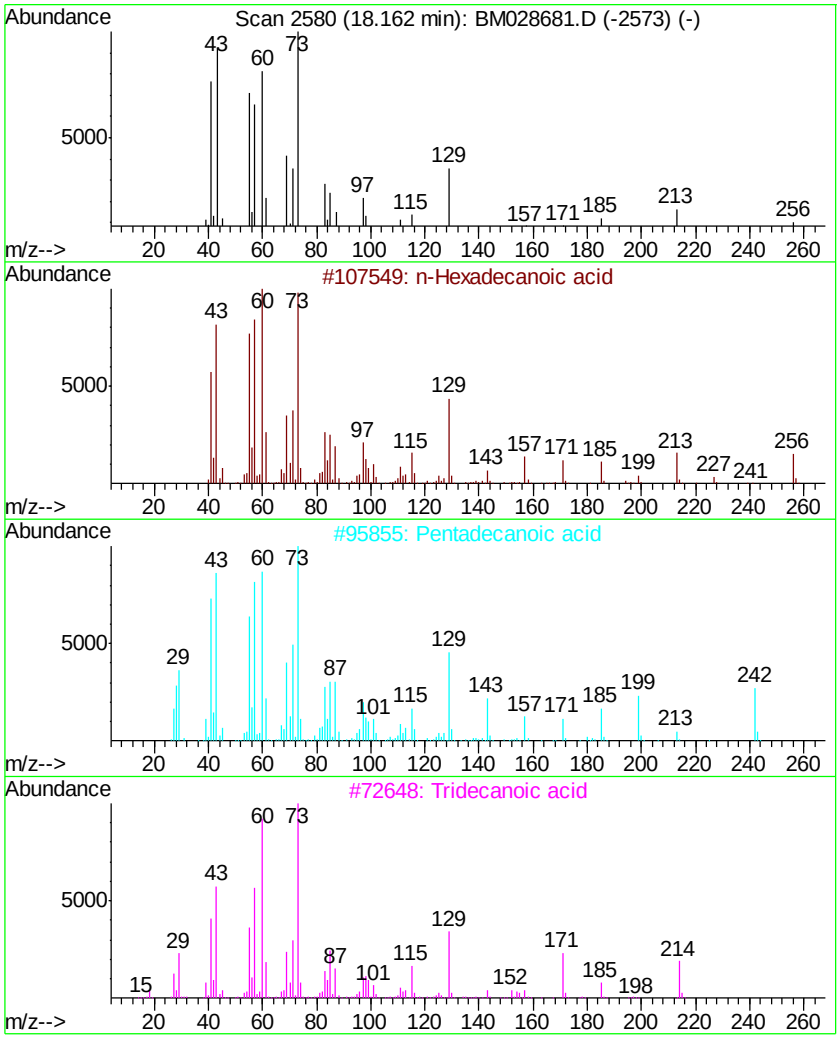
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

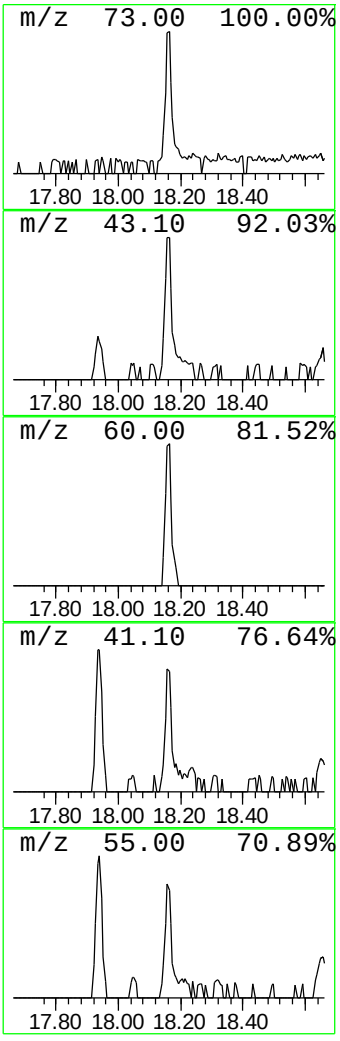
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.55 ng/ul	24338	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028681.D
Acq On : 09 Feb 2021 11:09
Operator : CG/JU
Sample : M1311-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

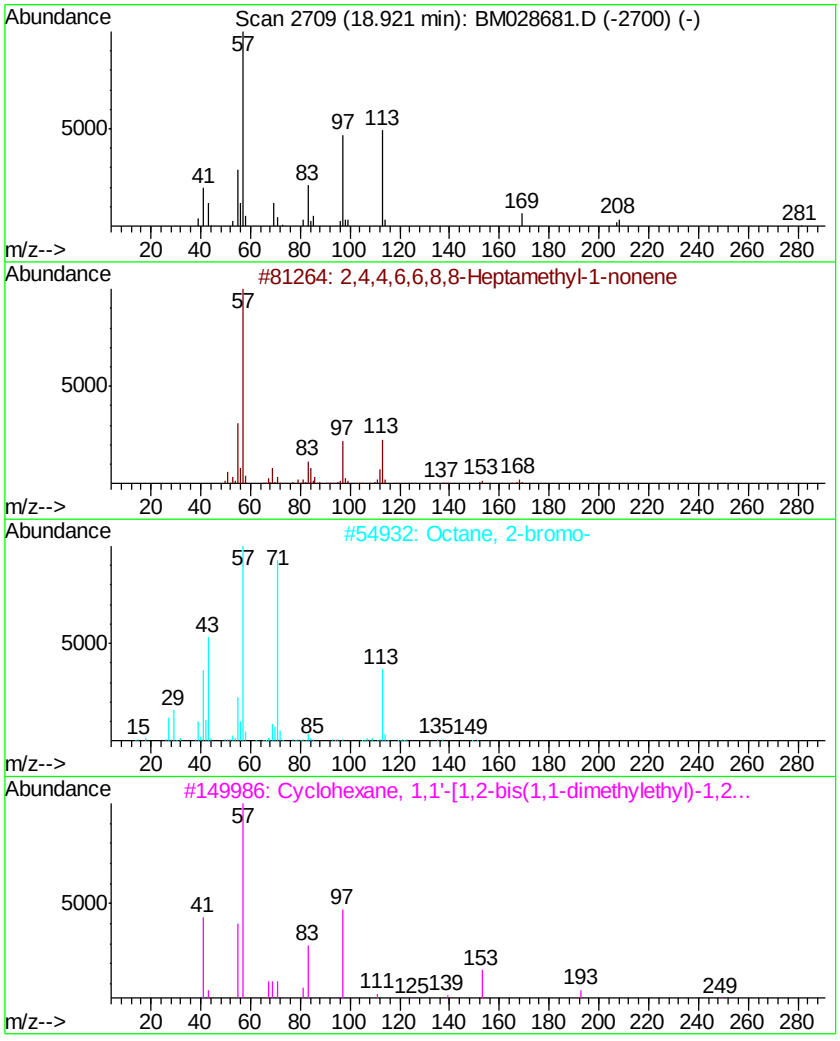
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

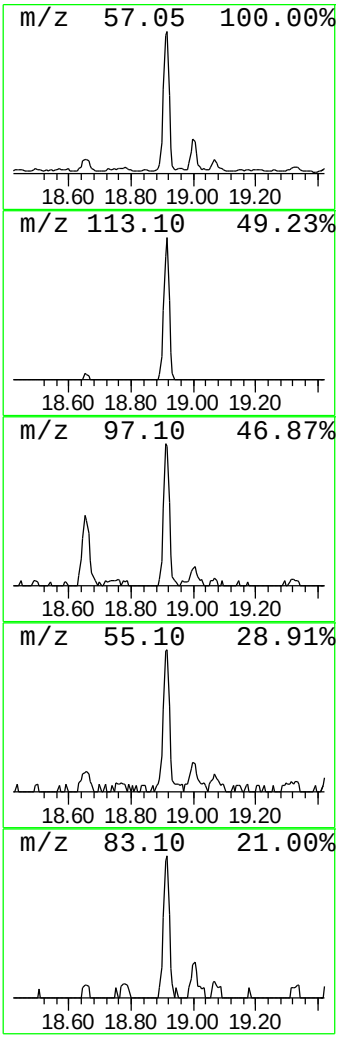
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	5.45 ng/ul	52037	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	37
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32
3	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	28
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	25
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25





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Instrument : BNA_M
ClientSampleId : C0A43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

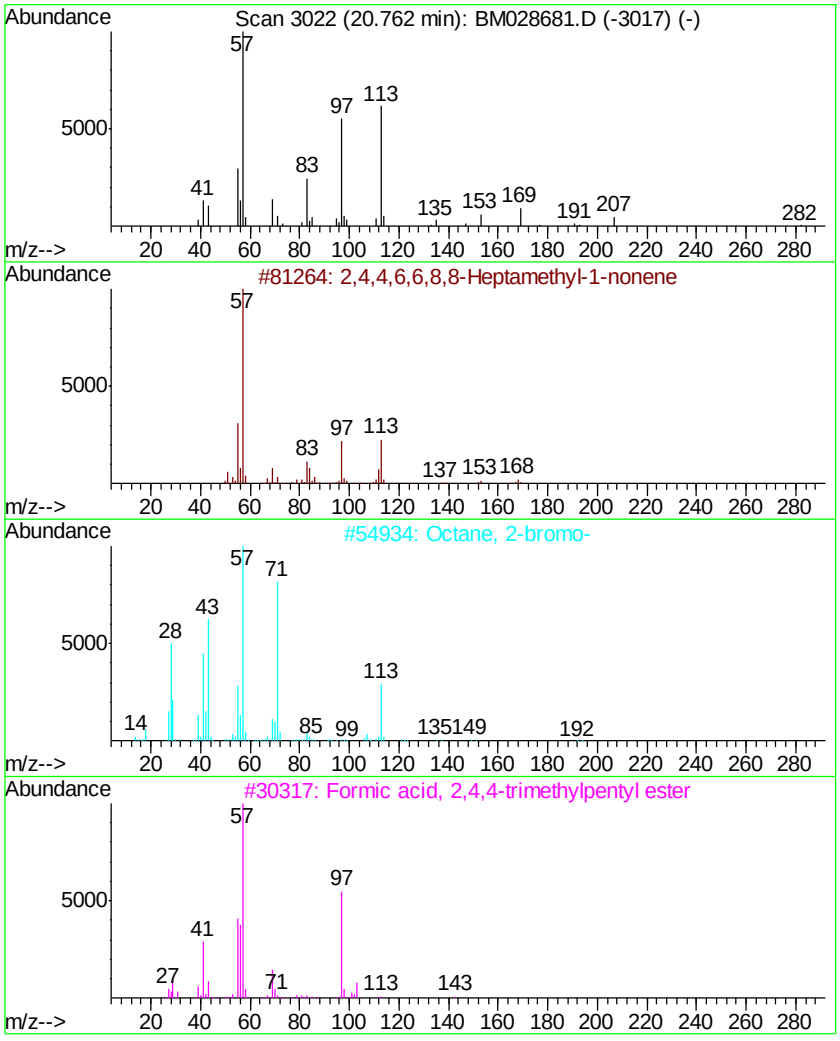
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

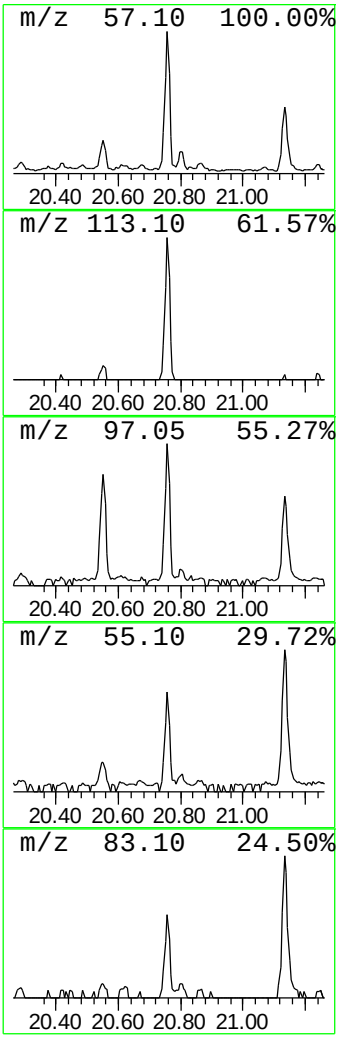
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.97 ng/ul	32776	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	25
4	Acetamide, 2-(4-methyl-1-piperaz...	267	C13H18ClN3O	296245-55-1	22
5	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	16





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Data File : BM028681.D
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Operator : CG/JU
Sample : M1311-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

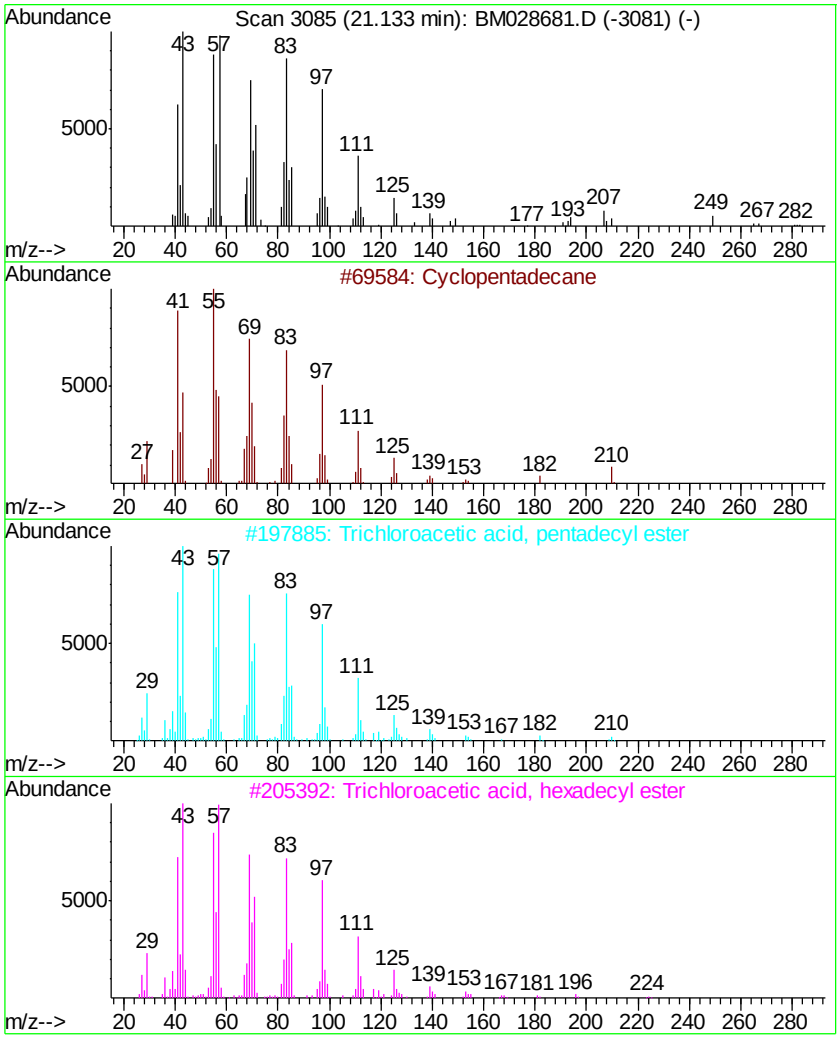
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

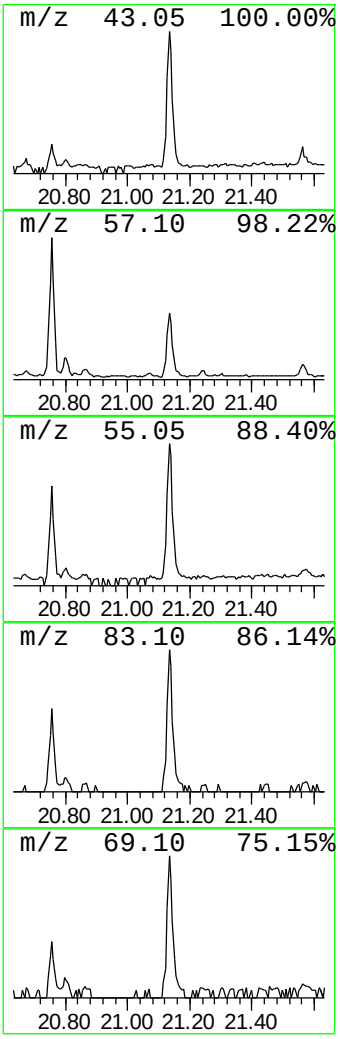
****

Peak Number 5 (DEL) Alkane: Cyclic21.13 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	5.34 ng/ul	58901	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020921\
Data File : BM028681.D
Acq On : 09 Feb 2021 11:09
Operator : CG/JU
Sample : M1311-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A43

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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
7,9-Di-tert-butyl...	17.94	4.4	ng/ul	42045	4	17.28	190909	20.0
n-Hexadecanoic acid	18.16	2.5	ng/ul	24338	4	17.28	190909	20.0
(DEL) Alkane: Str...	18.92	5.5	ng/ul	52037	4	17.28	190909	20.0
(DEL) Alkane: Str...	20.76	3.0	ng/ul	32776	5	21.43	220654	20.0
(DEL) Alkane: Cyc...	21.13	5.3	ng/ul	58901	5	21.43	220654	20.0