LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

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-BM020620MA.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	3.040	22	26	37	rVB2	59260	147257	1.94%	0.159%
2	3.646	124	129	135	rVV3	20074	41417	0.55%	0.045%
3	3.728	136	143	157	rVB	215171	500633	6.60%	0.539%
4	3.946	174	180	189	rBV	281097	550268	7.26%	0.592%
5	4.334	240	246	254	rBV	227376	413198	5.45%	0.445%
6	4.598	286	291	302	rVB	71111	141558	1.87%	0.152%
7	4.987	353	357	362	rVB7	9833	17088	0.23%	0.018%
8	5.110	374	378	386	rVB4	9870	22425	0.30%	0.024%
9	5.481	432	441	446	rBV8	33562	74546	0.98%	0.080%
10	5.828	494	500	507	rVB	98920	167179	2.20%	0.180%
11	6.122	546	550	556	rVB2	24568	41597	0.55%	0.045%
12	6.404	593	598	608	rBV9	7803	18825	0.25%	0.020%
13	6.598	620	631	645	rBV	1232835	2088908	27.55%	2.248%
14	6.751	650	657	671	rVB	1129535	1783385	23.52%	1.920%
15	6.939	682	689	703	rVB	1454122	2383288	31.43%	2.565%
16	7.057	703	709	715	rVV4	30641	52675	0.69%	0.057%
17	7.122	715	720	726	rVB9	8536	17521	0.23%	0.019%
18	7.398	760	767	775	rBV	1659043	2657620	35.05%	2.861%
19	7.486	778	782	785	rVV4	16243	28139	0.37%	0.030%
20	7.628	800	806	812	rBV8	16320	31731	0.42%	0.034%
21	8.110	881	888	898	rBV	1667949	2611305	34.44%	2.811%
22	8.210	901	905	913	rVB	40829	67531	0.89%	0.073%
23	8.533	950	960	972	rBV	1253999	2047576	27.00%	2.204%
24	8.639	974	978	983	rVB6	16383	28970	0.38%	0.031%
25	8.722	988	992	1001	rVB5	32232	54340	0.72%	0.058%
26	9.022	1035	1043	1049	rBV	156711	226754	2.99%	0.244%
27	9.245	1074	1081	1091	rBV	1052729	1742848	22.98%	1.876%
28	9.780	1165	1172	1187	rBV	1624152	2859812	37.71%	3.078%
29	10.151	1227	1235	1240	rBV	2058355	3427260	45.20%	3.689%
30	10.192	1240	1242	1251	rVB	72385	116415	1.54%	0.125%
31	10.292	1251	1259	1281	rBV	1263710	2346066	30.94%	2.525%
32	11.627	1482	1486	1492	rVB6	17766	28857	0.38%	0.031%
33	11.751	1501	1507	1514	rVV2	35083	62793	0.83%	0.068%
34	11.821	1514	1519	1527	rVB	40358	69970	0.92%	0.075%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

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-BM020620MA.M
Title : SVOA CALIBRATION

35	12.045	1553	1557	1563	rBV2	19729	31949	0.42%	0.034%
36	12.874	1693	1698	1699	rBV3	11642	16720	0.22%	0.018%
37	12.904	1699	1703	1706	rVB2	21904	28045	0.37%	0.030%
38	13.074	1727	1732	1738	rVB6	10054	19088	0.25%	0.021%
39	13.221	1755	1757	1762	rVB3	23390	29228	0.39%	0.031%
40	13.368	1776	1782	1787	rBV4	63870	102646	1.35%	0.110%
41	13.416	1787	1790	1793	rBV3	17747	22270	0.29%	0.024%
42	13.468	1793	1799	1805	rVV	2784348	3837601	50.61%	4.131%
43	13.515	1805	1807	1815	rVB	89810	109440	1.44%	0.118%
44	13.727	1836	1843	1858	rBV	3222233	4867679	64.19%	5.239%
45	13.892	1865	1871	1879	rBV3	30039	68141	0.90%	0.073%
46	13.992	1885	1888	1891	rBV3	15162	20071	0.26%	0.022%
47	14.045	1891	1897	1904	rVV	3049556	4425293	58.36%	4.763%
48	14.104	1904	1907	1912	rVB3	14884	21992	0.29%	0.024%
49	14.268	1928	1935	1953	rBV	747370	1440367	18.99%	1.550%
50	14.451	1961	1966	1971	rBV2	24615	46939	0.62%	0.051%
51	14.686	2002	2006	2010	rVV6	10718	17512	0.23%	0.019%
52	14.733	2010	2014	2018	rVB5	14365	21450	0.28%	0.023%
53	14.851	2031	2034	2038	rVV5	11965	18106	0.24%	0.019%
54	14.892	2038	2041	2047	rVV5	15048	25405	0.34%	0.027%
55	14.957	2049	2052	2056	rVB3	17272	22553	0.30%	0.024%
56	15.051	2061	2068	2074	rVV	4047786	5867409	77.37%	6.315%
57	15.104	2074	2077	2082	rVV2	37287	54539	0.72%	0.059%
58	15.180	2083	2090	2101	rVV	1064572	1524585	20.10%	1.641%
59	15.292	2104	2109	2113	rVV	53014	84100	1.11%	0.091%
60	15.345	2113	2118	2125	rVV5	68101	106501	1.40%	0.115%
61	15.827	2196	2200	2201	rBV5	20328	22155	0.29%	0.024%
62	16.168	2253	2258	2262	rBV8	9584	17582	0.23%	0.019%
63	16.351	2285	2289	2293	rBV6	15137	30148	0.40%	0.032%
64	16.468	2305	2309	2317	rVB5	17697	40414	0.53%	0.043%
65	16.545	2317	2322	2323	rBV5	14412	15629	0.21%	0.017%
66	16.615	2331	2334	2339	rVB4	27776	38514	0.51%	0.041%
67	16.686	2341	2346	2353	rVB4	28307	50740	0.67%	0.055%
68	16.798	2357	2365	2370	rBV	3535390	5030886	66.34%	5.415%
69	16.839	2370	2372	2376	rVV	269650	328082	4.33%	0.353%
70	16.898	2376	2382	2396	rVB	3979613	5662214	74.67%	6.095%
71	17.227	2432	2438	2442	rBV5	34292	60631	0.80%	0.065%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

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-BM020620MA.M
Title : SVOA CALIBRATION

72	17.386	2463	2465	2470	rVB5	16446	19715	0.26%	0.021%
73	17.680	2510	2515	2519	rBV	49811	89188	1.18%	0.096%
74	17.727	2519	2523	2531	rVV2	81889	167495	2.21%	0.180%
75	17.803	2533	2536	2541	rVV2	48251	74096	0.98%	0.080%
76	17.868	2541	2547	2551	rVV4	62616	112475	1.48%	0.121%
77	17.909	2551	2554	2558	rVB	35162	47928	0.63%	0.052%
78	18.027	2571	2574	2580	rVV6	43177	85343	1.13%	0.092%
79	18.186	2596	2601	2605	rBV3	83300	130632	1.72%	0.141%
80	18.615	2669	2674	2678	rBV2	66147	96607	1.27%	0.104%
81	18.750	2694	2697	2698	rBV3	25099	24411	0.32%	0.026%
82	18.845	2708	2713	2714	rBV	59097	87854	1.16%	0.095%
83	18.868	2714	2717	2724	rVB	387818	517049	6.82%	0.557%
84	19.092	2752	2755	2762	rVB2	44537	58145	0.77%	0.063%
85	19.209	2769	2775	2785	rBV	5172230	7583227	100.00%	8.162%
86	19.709	2857	2860	2863	rBV5	62154	88243	1.16%	0.095%
87	19.744	2864	2866	2869	rVB2	61143	57187	0.75%	0.062%
88	19.821	2876	2879	2881	rBV	41455	45984	0.61%	0.049%
89	20.115	2926	2929	2934	rBV3	80497	119537	1.58%	0.129%
90	20.768	3036	3040	3047	rBV	1061569	1455473	19.19%	1.567%
91	21.015	3076	3082	3086	rBV	4251505	5529138	72.91%	5.951%
92	21.221	3114	3117	3121	rBV3	147063	171551	2.26%	0.185%
93	21.644	3185	3189	3195	rBV2	415589	579735	7.64%	0.624%
94	22.074	3259	3262	3268	rVB	314044	387947	5.12%	0.418%
95	22.550	3339	3343	3346	rBV2	451929	560515	7.39%	0.603%
96	22.985	3411	3417	3427	rVV	3713990	6456699	85.14%	6.950%
97	23.074	3429	3432	3434	rVV	348152	514751	6.79%	0.554%
98	23.115	3434	3439	3451	rVB	3056395	5345433	70.49%	5.754%
99	23.668	3528	3533	3538	rVB	472602	817070	10.77%	0.879%
100	23.732	3540	3544	3553	rVB2	401591	686518	9.05%	0.739%

Sum of corrected areas: 92906325

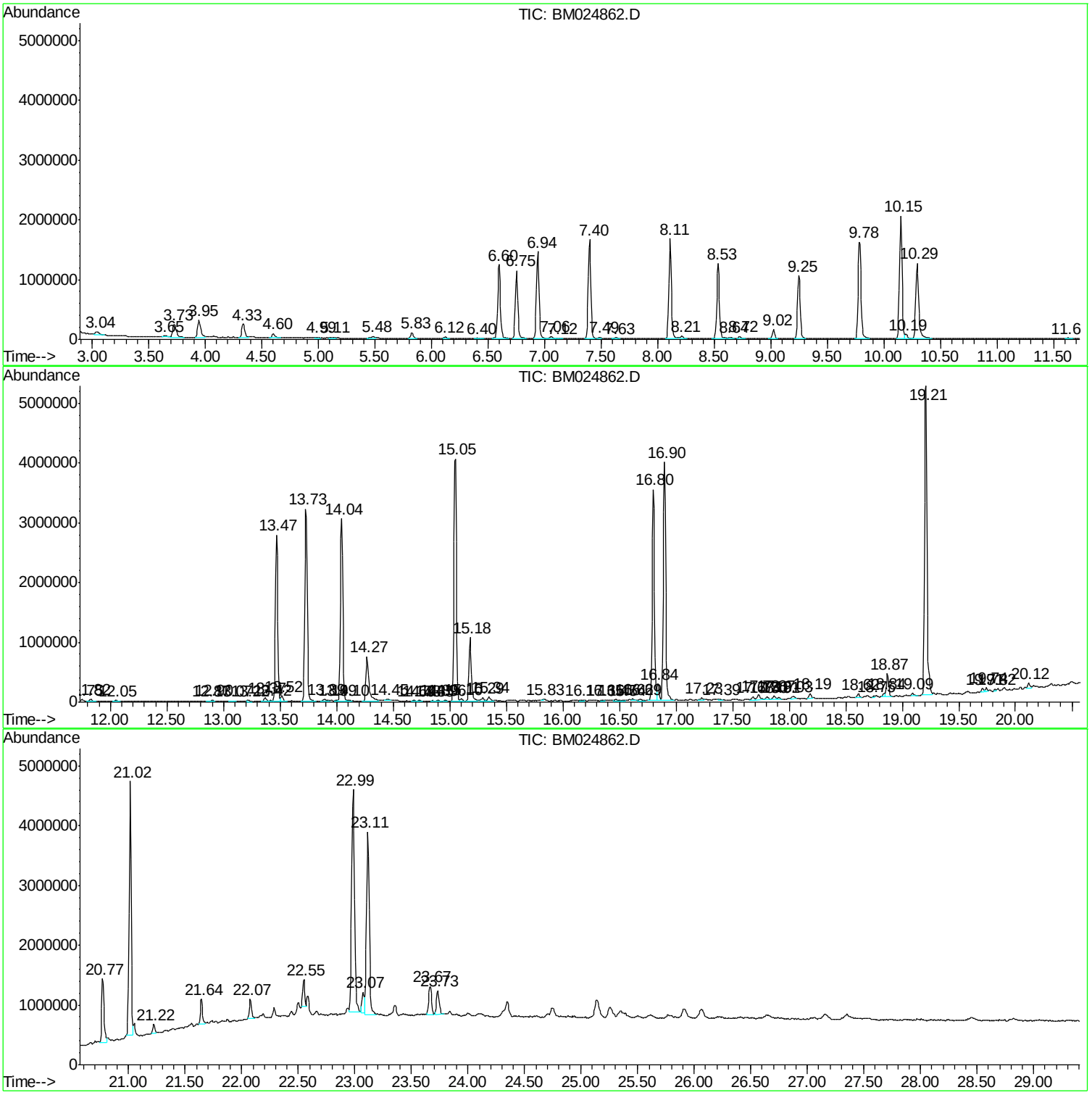
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

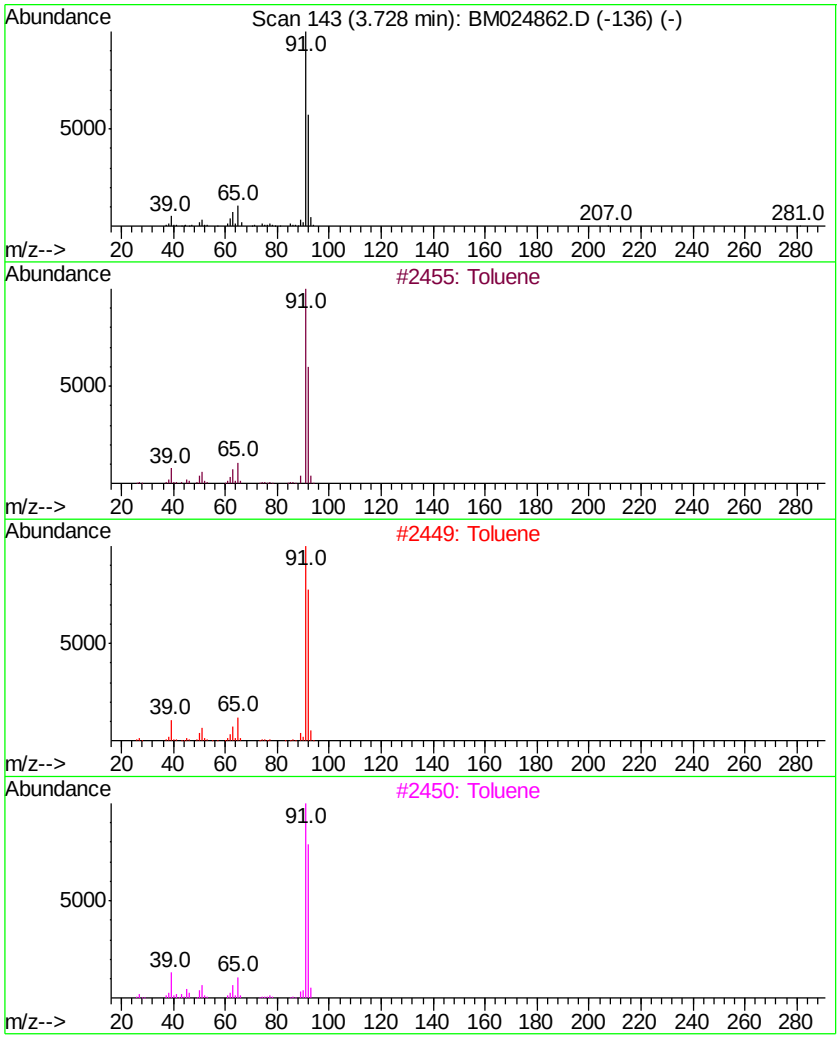
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

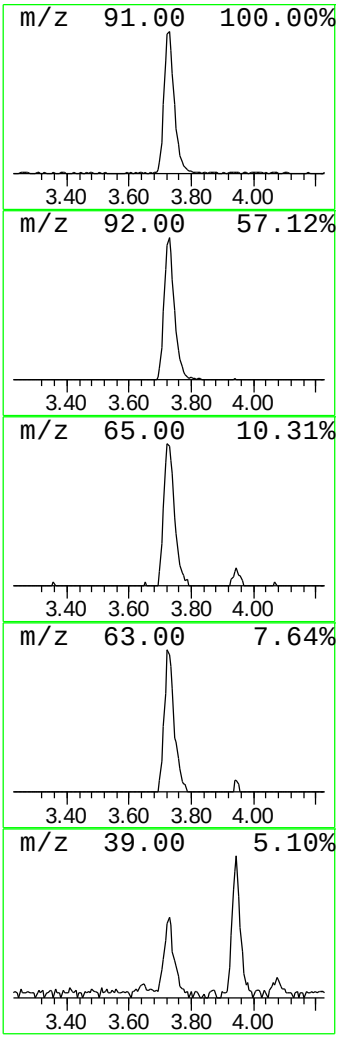
****

Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.77 ng/ul	500633	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	90
2	Toluene	92	C7H8	000108-88-3	87
3	Toluene	92	C7H8	000108-88-3	86
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
5	Toluene	92	C7H8	000108-88-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

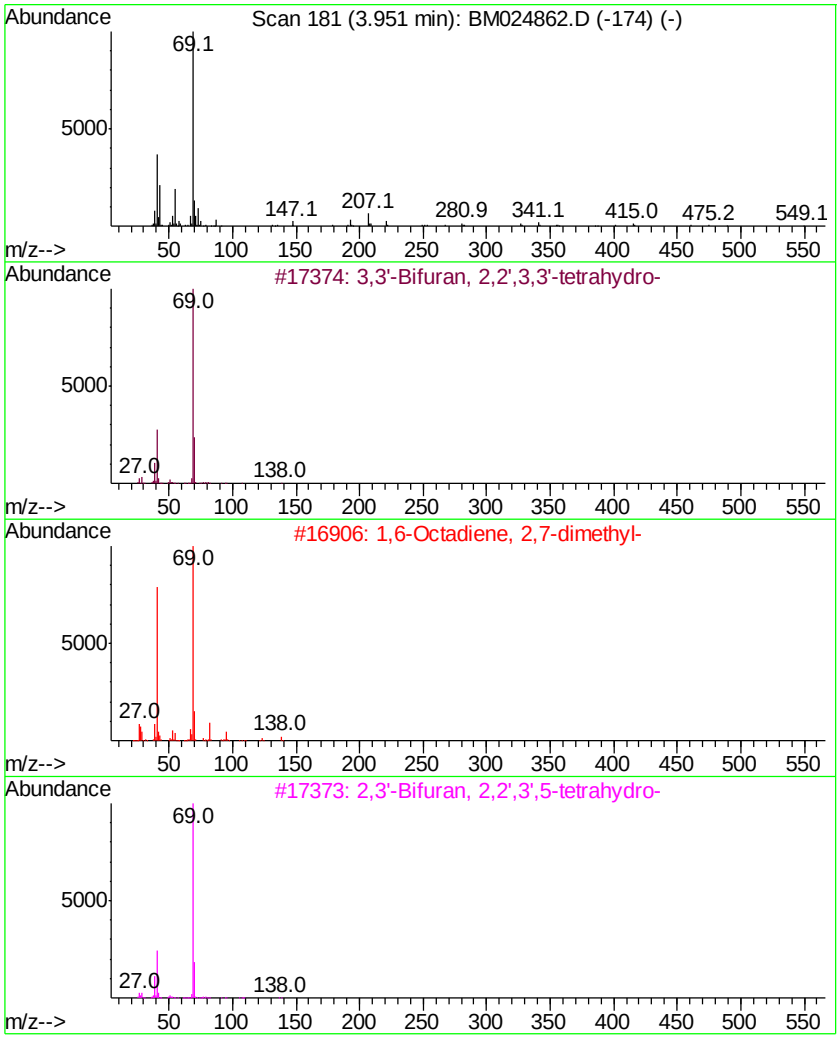
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

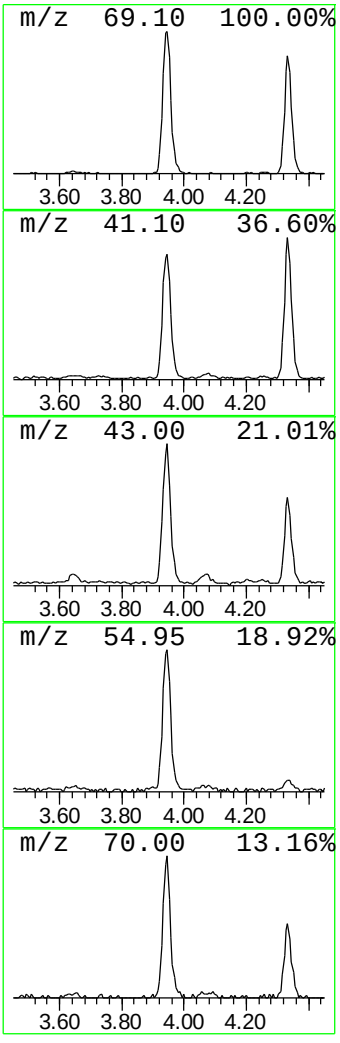
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	4.14 ng/ul	550268	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Bifuran, 2,2',3,3'-tetrahydro-	138	C8H10O2	098869-94-4	38
2	1,6-Octadiene, 2,7-dimethyl-	138	C10H18	040195-09-3	38
3	2,3'-Bifuran, 2,2',3',5-tetrahydro-	138	C8H10O2	098869-93-3	38
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	9
5	4-Hexen-3-one	98	C6H10O	002497-21-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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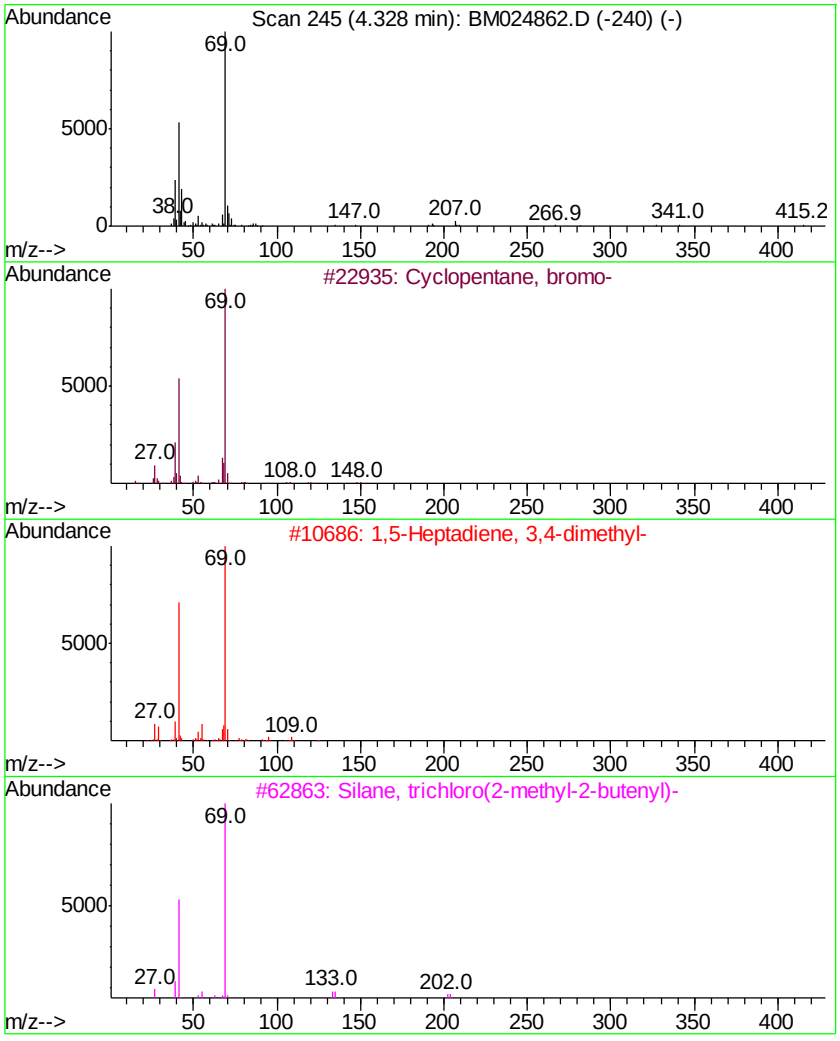
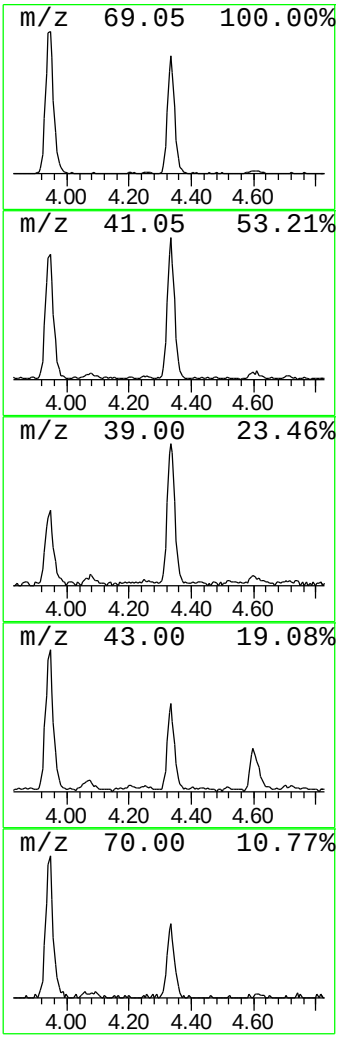
Peak Number 3 Cyclopentane, bromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	3.11 ng/ul	413198	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	64
2	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	38
3	Silane, trichloro(2-methyl-2-but...	202	C5H9Cl3Si	018163-57-0	38
4	Geranyl nitrile	149	C10H15N	101660-61-1	36
5	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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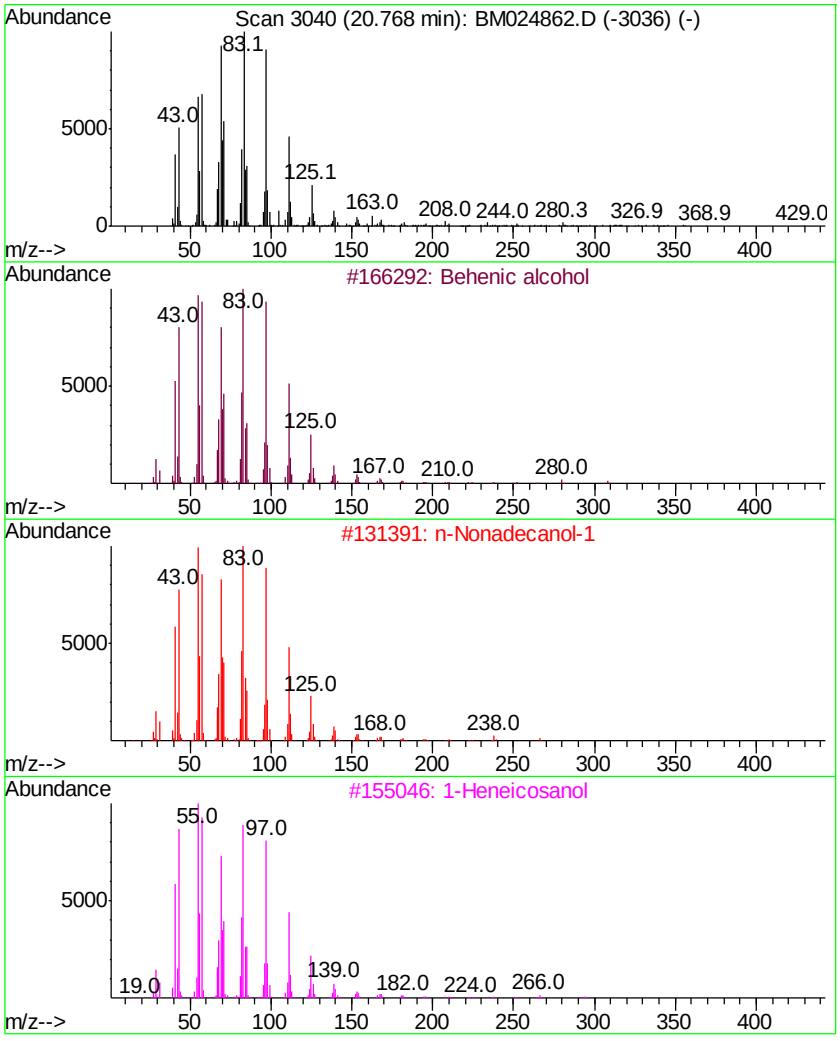
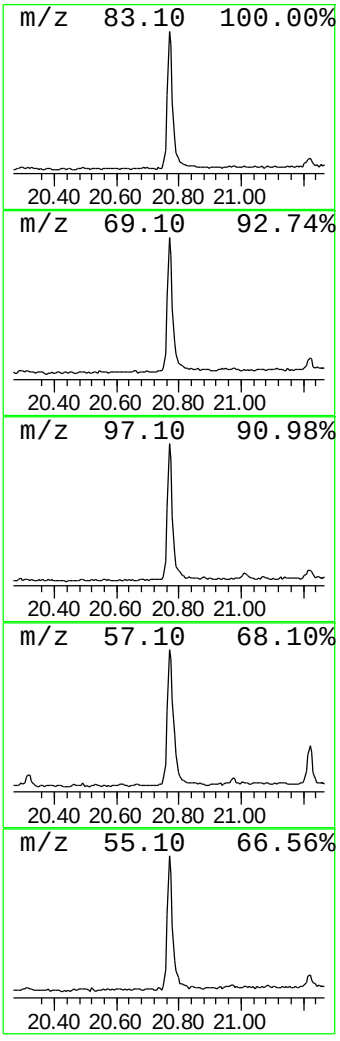
Peak Number 4 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	5.26 ng/ul	1455470	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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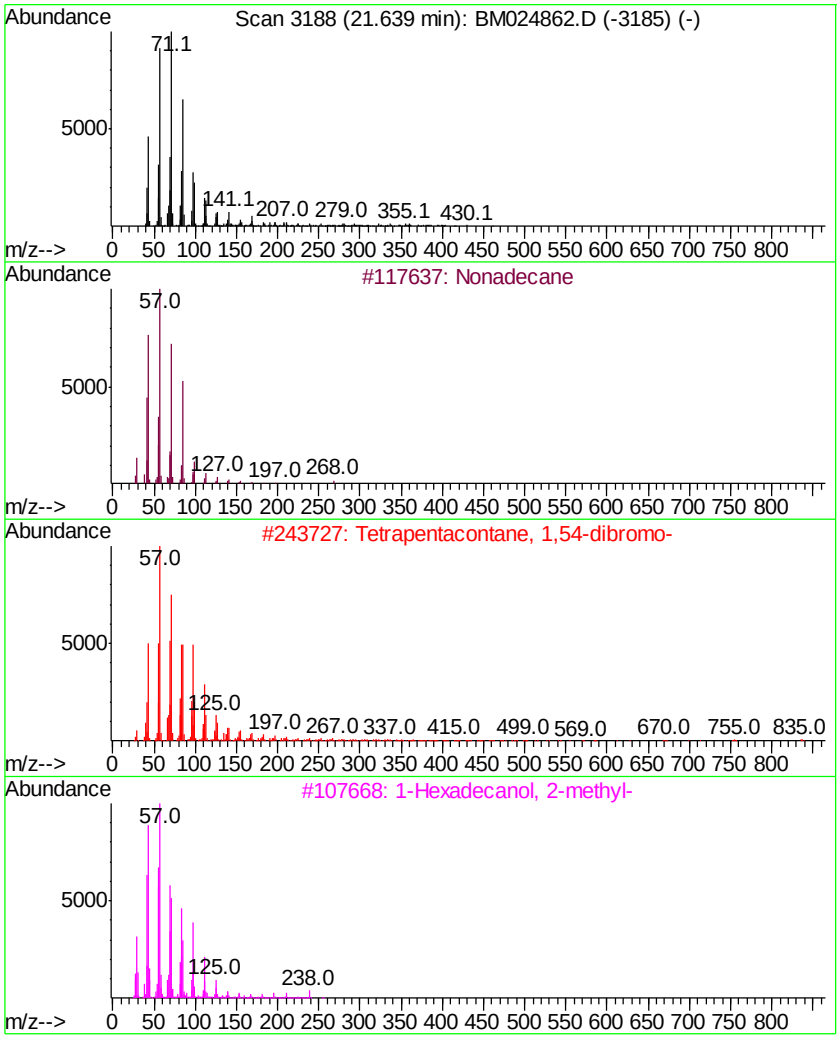
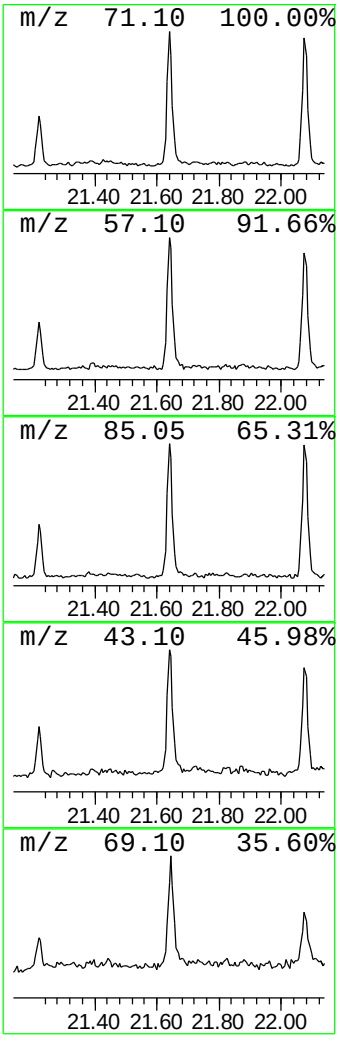
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.10 ng/ul	579735	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	91
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	78
4	1-Octadecene	252	C18H36	000112-88-9	70
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

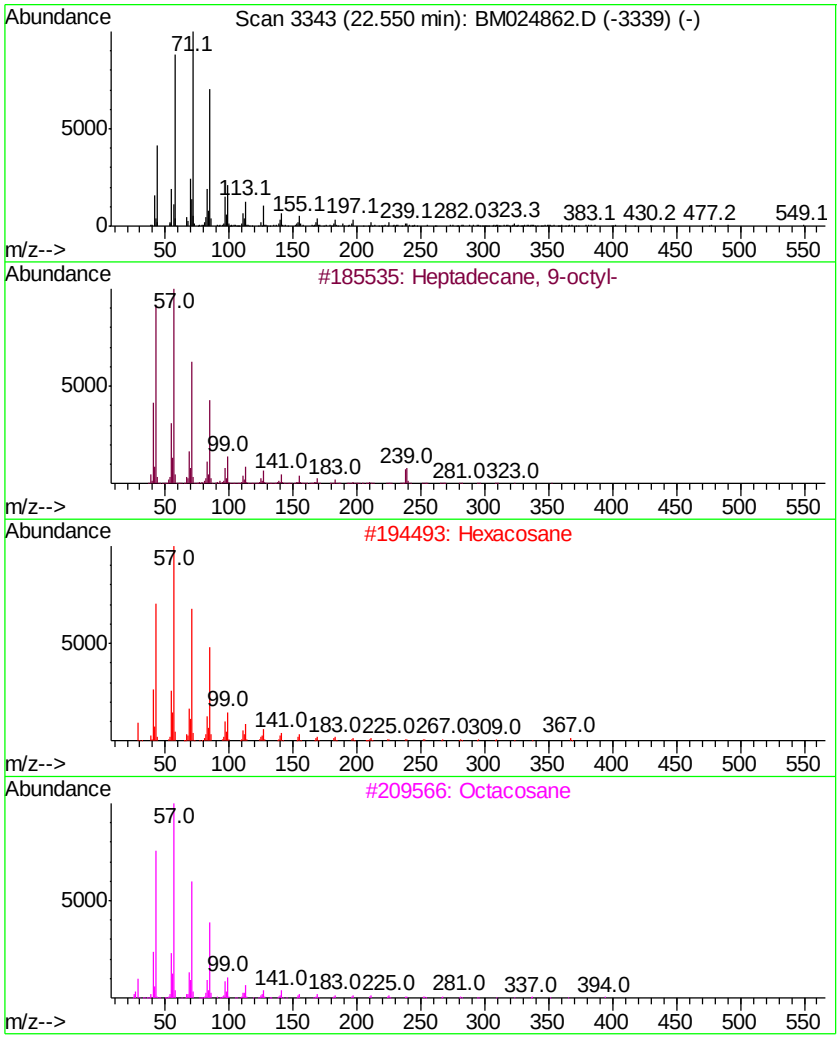
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

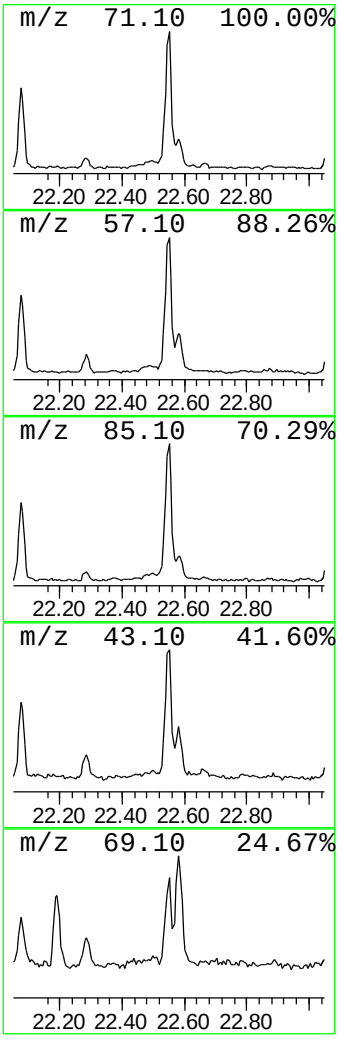
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.10 ng/ul	560515	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

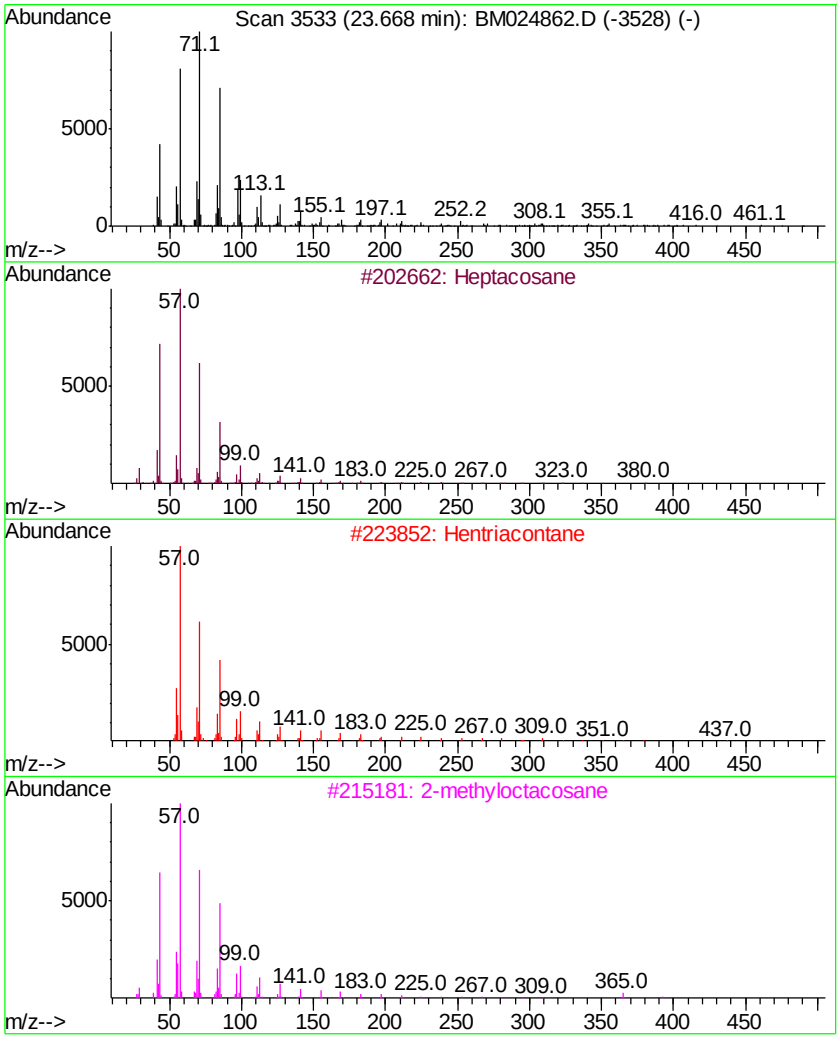
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

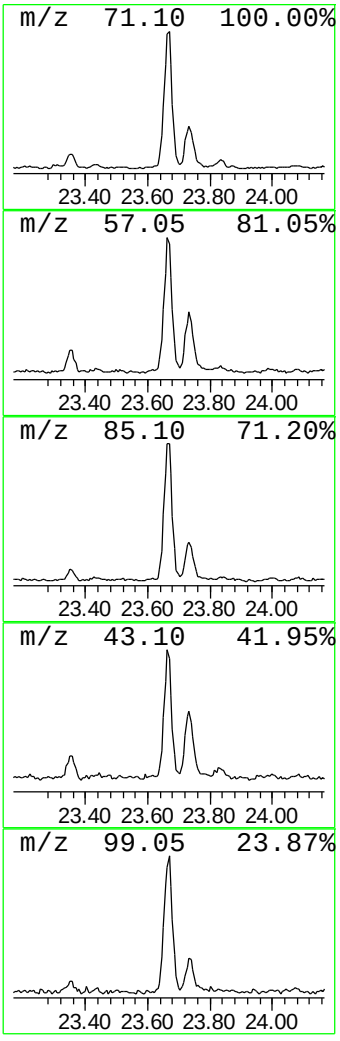
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	3.06 ng/ul	817070	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Hentriacontane	437	C31H64	000630-04-6	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

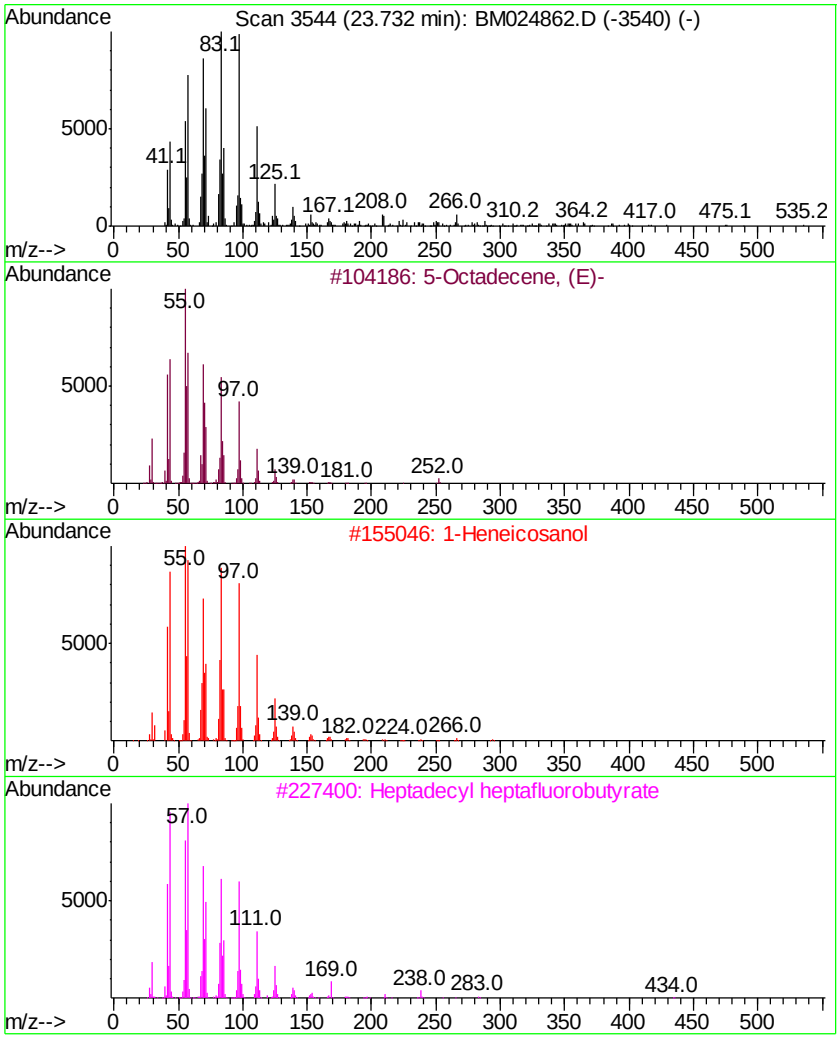
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

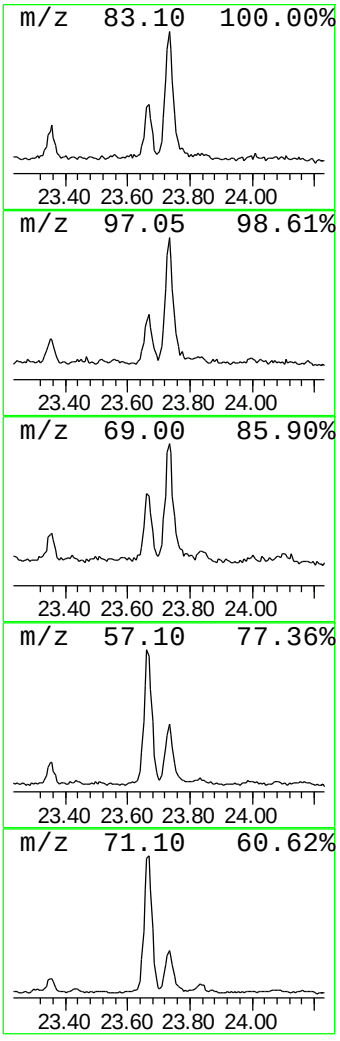
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.57 ng/ul	686518	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
2	1-Heneicosanol	312	C21H44O	015594-90-8	83
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	68
4	1-Docosene	308	C22H44	001599-67-3	68
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
Toluene	3.73	3.8	ng/ul	500633	1	7.40	2657620	20.0
unknown-01	3.95	4.1	ng/ul	550268	1	7.40	2657620	20.0
Cyclopentane, bromo-	4.33	3.1	ng/ul	413198	1	7.40	2657620	20.0
Behenic alcohol	20.77	5.3	ng/ul	1455470	5	21.02	5529140	20.0
(DEL) Alkane: Str...	21.64	2.1	ng/ul	579735	5	21.02	5529140	20.0
(DEL) Alkane: Str...	22.55	2.1	ng/ul	560515	6	23.11	5345430	20.0
(DEL) Alkane: Str...	23.67	3.1	ng/ul	817070	6	23.11	5345430	20.0
(DEL) Alkane: Str...	23.73	2.6	ng/ul	686518	6	23.11	5345430	20.0