LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

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-BM051320MA.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	3.052	26	28	31	rBV	42969	50267	2.10%	0.171%
2	3.087	31	34	43	rVB	73025	98557	4.11%	0.335%
3	3.323	70	74	75	rBV4	5942	6980	0.29%	0.024%
4	3.675	132	134	140	rVB4	6421	8807	0.37%	0.030%
5	3.752	144	147	152	rVB3	10627	12090	0.50%	0.041%
6	3.840	159	162	165	rBV	8455	10667	0.45%	0.036%
7	3.875	165	168	174	rVB8	4452	7757	0.32%	0.026%
8	4.181	215	220	231	rVB	85443	129383	5.40%	0.440%
9	5.122	376	380	386	rVB7	3460	6335	0.26%	0.022%
10	5.452	431	436	442	rVB6	7637	13907	0.58%	0.047%
11	5.793	489	494	501	rBV	6396	11352	0.47%	0.039%
12	6.669	638	643	654	rVB	107130	190229	7.94%	0.647%
13	6.828	664	670	683	rBV	339793	541009	22.57%	1.840%
14	7.016	695	702	712	rVV	376285	596151	24.87%	2.028%
15	7.475	773	780	788	rBV	563636	855417	35.69%	2.910%
16	7.552	788	793	800	rVV4	26819	48961	2.04%	0.167%
17	8.193	896	902	909	rBV	276400	444031	18.52%	1.511%
18	8.399	930	937	941	rBV7	5700	8006	0.33%	0.027%
19	8.457	941	947	952	rBV	59729	98989	4.13%	0.337%
20	8.616	968	974	984	rBV	445968	704557	29.39%	2.397%
21	8.705	984	989	998	rVB2	25881	46262	1.93%	0.157%
22	8.975	1026	1035	1039	rBV9	9632	20351	0.85%	0.069%
23	9.087	1048	1054	1061	rBV2	34223	53928	2.25%	0.183%
24	9.175	1061	1069	1070	rBV8	4040	6493	0.27%	0.022%
25	9.199	1070	1073	1079	rVB6	7607	12686	0.53%	0.043%
26	9.263	1079	1084	1089	rBV7	5829	11839	0.49%	0.040%
27	9.334	1089	1096	1108	rBV	352550	567058	23.66%	1.929%
28	9.463	1113	1118	1123	rVV5	13979	25102	1.05%	0.085%
29	9.522	1123	1128	1131	rVV6	7385	14704	0.61%	0.050%
30	9.552	1131	1133	1139	rVV5	6771	12654	0.53%	0.043%
31	9.628	1139	1146	1150	rVV	11027	22228	0.93%	0.076%
32	9.787	1165	1173	1180	rBV3	41139	94709	3.95%	0.322%
33	9.869	1180	1187	1196	rBV	517509	855031	35.67%	2.909%
34	9.946	1198	1200	1209	rVB8	7834	13102	0.55%	0.045%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

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-BM051320MA.M
Title : SVOA CALIBRATION

35	10.028	1209	1214	1218	rBV7	6224	10725	0.45%	0.036%
36	10.234	1242	1249	1258	rBV	755452	1222308	50.99%	4.158%
37	10.381	1267	1274	1287	rBV	468804	831658	34.70%	2.829%
38	10.522	1294	1298	1303	rBV7	3713	8276	0.35%	0.028%
39	10.587	1307	1309	1316	rVB7	4606	6192	0.26%	0.021%
40	10.822	1344	1349	1355	rBV8	7339	15900	0.66%	0.054%
41	10.975	1370	1375	1378	rVB7	7127	11557	0.48%	0.039%
42	11.093	1388	1395	1401	rVB9	8842	23496	0.98%	0.080%
43	11.157	1401	1406	1408	rVV6	3685	6216	0.26%	0.021%
44	11.216	1410	1416	1424	rVV9	8329	20997	0.88%	0.071%
45	11.299	1428	1430	1434	rVV5	7009	10176	0.42%	0.035%
46	11.446	1450	1455	1460	rBV8	7586	15218	0.63%	0.052%
47	11.522	1464	1468	1474	rBV8	4043	7096	0.30%	0.024%
48	11.593	1474	1480	1481	rBV5	5085	7451	0.31%	0.025%
49	11.651	1486	1490	1493	rVV6	7346	10797	0.45%	0.037%
50	11.693	1495	1497	1500	rVV4	4579	6204	0.26%	0.021%
51	11.840	1513	1522	1525	rBV8	12672	25294	1.06%	0.086%
52	11.975	1538	1545	1548	rBV8	5476	12809	0.53%	0.044%
53	12.057	1552	1559	1561	rBV8	6303	14637	0.61%	0.050%
54	12.081	1561	1563	1567	rVV4	6430	7577	0.32%	0.026%
55	12.210	1582	1585	1590	rVB6	5240	6825	0.28%	0.023%
56	12.481	1626	1631	1634	rBV5	7758	13628	0.57%	0.046%
57	12.828	1686	1690	1695	rBV8	6710	13417	0.56%	0.046%
58	12.969	1711	1714	1722	rVB9	6801	10351	0.43%	0.035%
59	13.034	1722	1725	1730	rBV6	6386	12423	0.52%	0.042%
60	13.169	1743	1748	1755	rVB6	12954	21825	0.91%	0.074%
61	13.304	1767	1771	1776	rBV7	4109	9499	0.40%	0.032%
62	13.363	1776	1781	1783	rVV5	4627	8229	0.34%	0.028%
63	13.545	1805	1812	1816	rVV	906384	1222521	51.00%	4.159%
64	13.592	1816	1820	1826	rVV	216883	297516	12.41%	1.012%
65	13.669	1830	1833	1839	rVB7	4188	7461	0.31%	0.025%
66	13.745	1842	1846	1848	rBV5	5472	7817	0.33%	0.027%
67	13.804	1850	1856	1867	rBV	887789	1337633	55.80%	4.550%
68	13.940	1874	1879	1884	rBV2	16609	27278	1.14%	0.093%
69	14.045	1893	1897	1903	rVB3	42451	68310	2.85%	0.232%
70	14.122	1903	1910	1921	rBV	1088560	1557882	64.99%	5.300%
71	14.351	1944	1949	1964	rBV2	46422	114731	4.79%	0.390%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

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-BM051320MA.M
Title : SVOA CALIBRATION

72	14.463	1964	1968	1971	rBV6	4549	6923	0.29%	0.024%
73	14.728	2008	2013	2022	rVB6	6991	17186	0.72%	0.058%
74	14.892	2035	2041	2046	rBV3	19000	35141	1.47%	0.120%
75	15.122	2074	2080	2087	rBV	1207146	1627894	67.91%	5.538%
76	15.251	2097	2102	2114	rBV	284097	424908	17.73%	1.445%
77	15.363	2117	2121	2128	rVB4	14504	27452	1.15%	0.093%
78	15.486	2136	2142	2143	rBV5	6559	10438	0.44%	0.036%
79	15.804	2193	2196	2201	rBV3	14672	17472	0.73%	0.059%
80	16.028	2231	2234	2237	rBV4	6025	6504	0.27%	0.022%
81	16.216	2263	2266	2275	rVB2	17645	25361	1.06%	0.086%
82	16.433	2300	2303	2306	rBV3	18186	22418	0.94%	0.076%
83	16.869	2371	2377	2387	rBV	1332015	1853474	77.32%	6.305%
84	16.969	2388	2394	2405	rBV	1245397	1761046	73.47%	5.991%
85	17.798	2531	2535	2541	rBV7	22747	40192	1.68%	0.137%
86	18.286	2616	2618	2620	rVB3	8502	6969	0.29%	0.024%
87	18.563	2661	2665	2672	rBV3	38421	49632	2.07%	0.169%
88	18.904	2720	2723	2727	rBV	14444	18376	0.77%	0.063%
89	19.157	2763	2766	2771	rBV	16102	22620	0.94%	0.077%
90	19.269	2779	2785	2793	rBV	1502134	2101576	87.67%	7.149%
91	20.821	3045	3049	3056	rBV	303611	399188	16.65%	1.358%
92	21.068	3086	3091	3100	rBV	1869990	2313010	96.49%	7.869%
93	21.263	3121	3124	3129	rBV	118245	128109	5.34%	0.436%
94	21.680	3192	3195	3202	rBV	185376	225856	9.42%	0.768%
95	22.121	3267	3270	3275	rVB	272603	326520	13.62%	1.111%
96	22.592	3347	3350	3357	rVB	304665	396100	16.52%	1.347%
97	23.051	3423	3428	3435	rVV	962626	1632559	68.11%	5.554%
98	23.121	3436	3440	3445	rVV	314152	470246	19.62%	1.600%
99	23.186	3445	3451	3461	rVB	1366703	2397040	100.00%	8.154%
100	23.721	3538	3542	3548	rVB	252420	419611	17.51%	1.427%

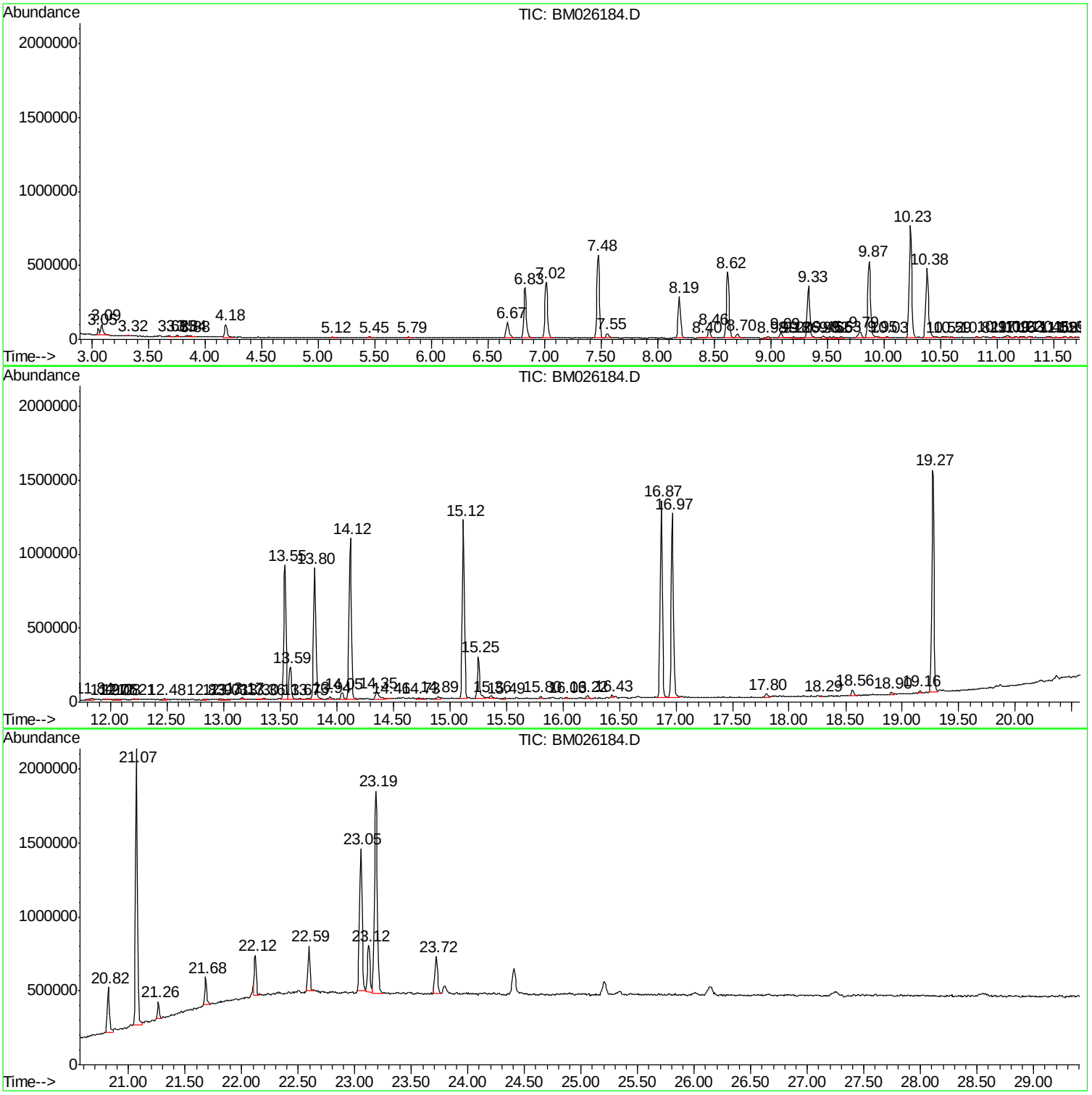
Sum of corrected areas: 29395350

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

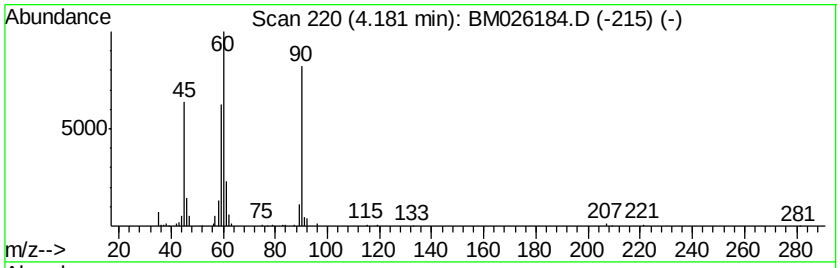
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

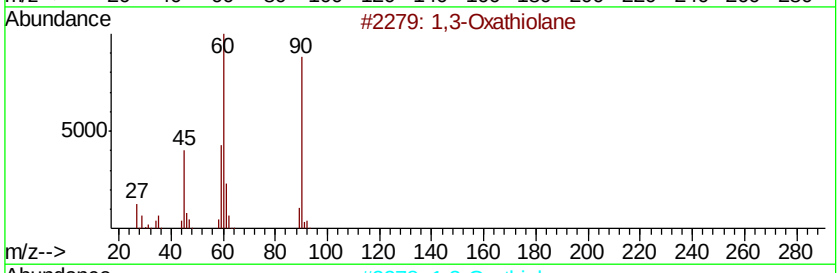
****

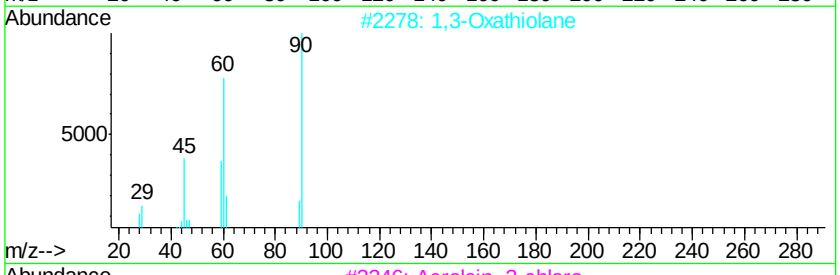
Peak Number 1 1,3-Oxathiolane Concentration Rank 5

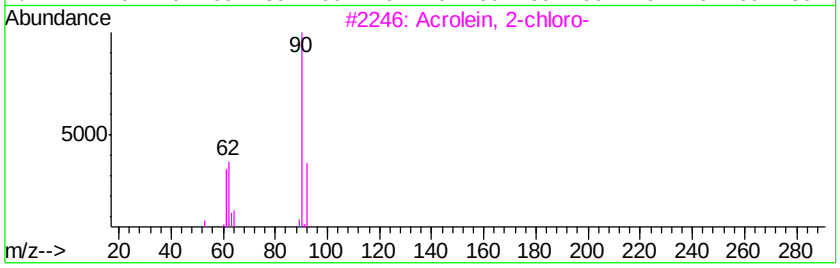
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	3.03 ng/ul	129383	1,4-Dichlorobenzene-d4	7.48

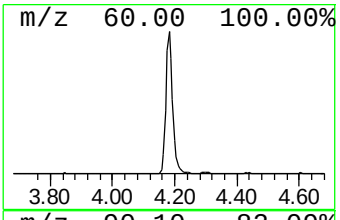
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	90
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	64
3	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	59
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	40
5	2,3-Dimercaptopropan-1-ol	124	C3H8OS2	000059-52-9	39

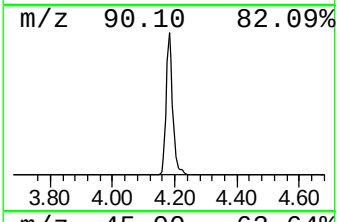


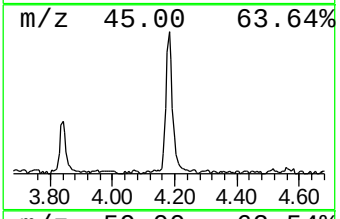


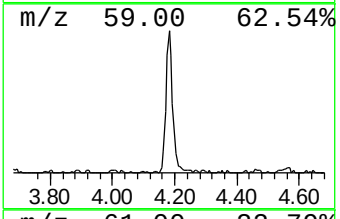


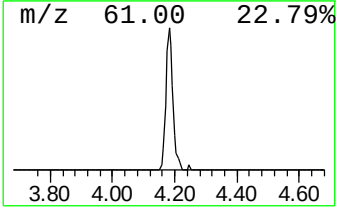












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

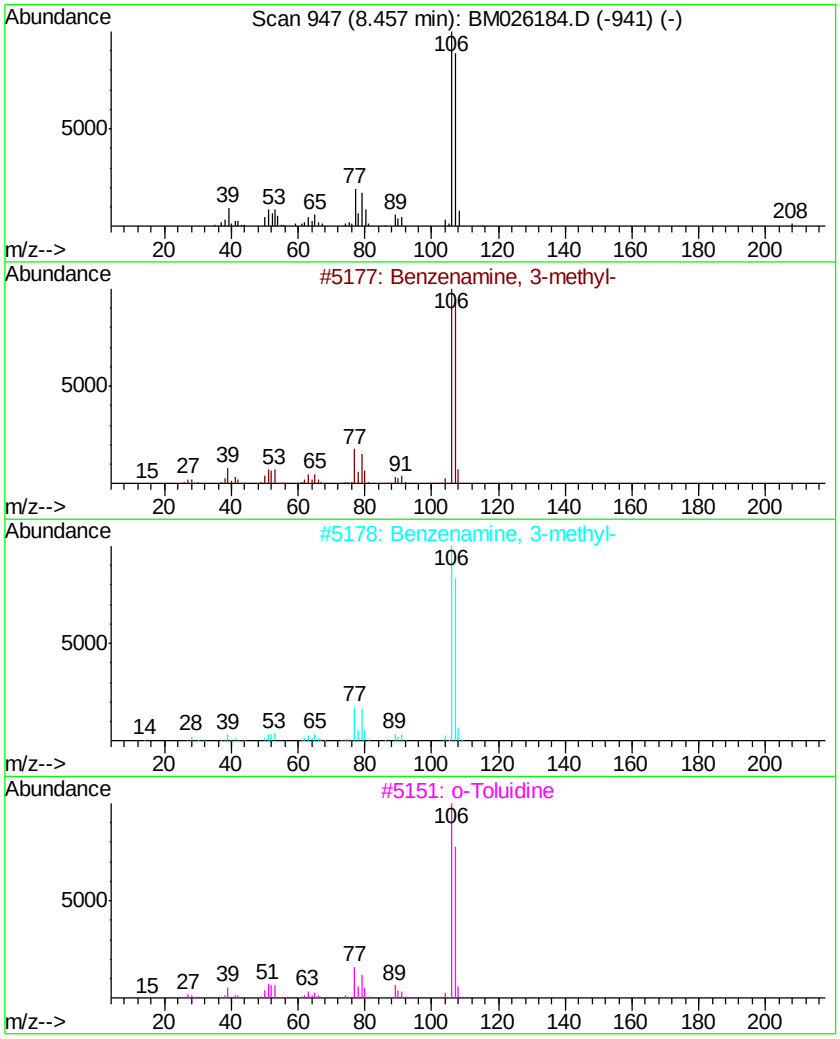
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

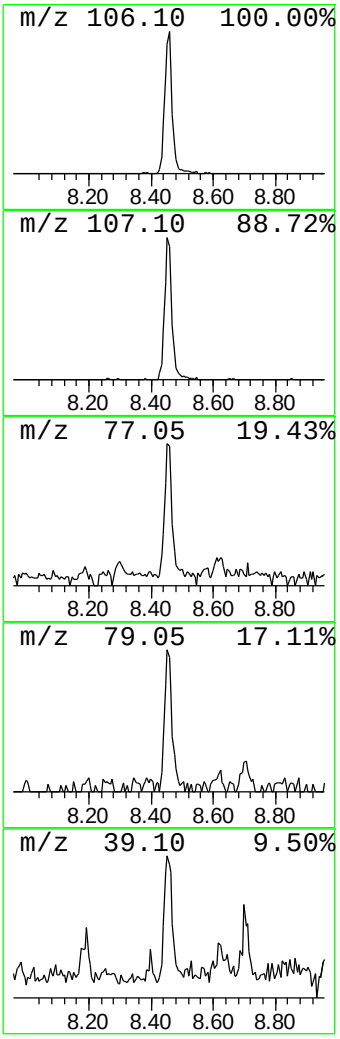
****

Peak Number 2 Benzenamine, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	2.31 ng/ul	98989	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	o-Toluidine	107	C7H9N	000095-53-4	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

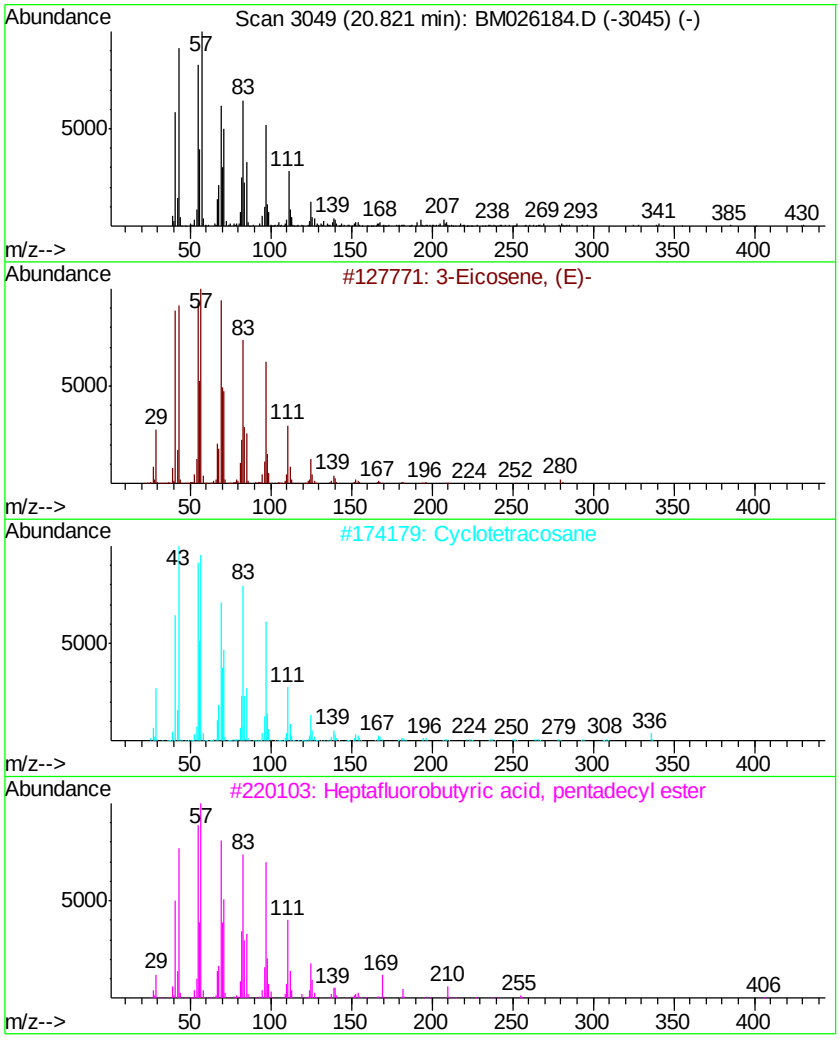
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

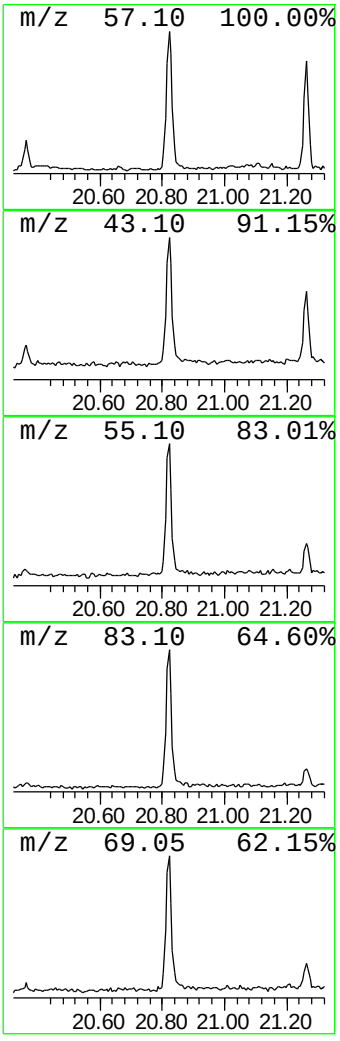
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.45 ng/ul	399188	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	1-Eicosene	280	C20H40	003452-07-1	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

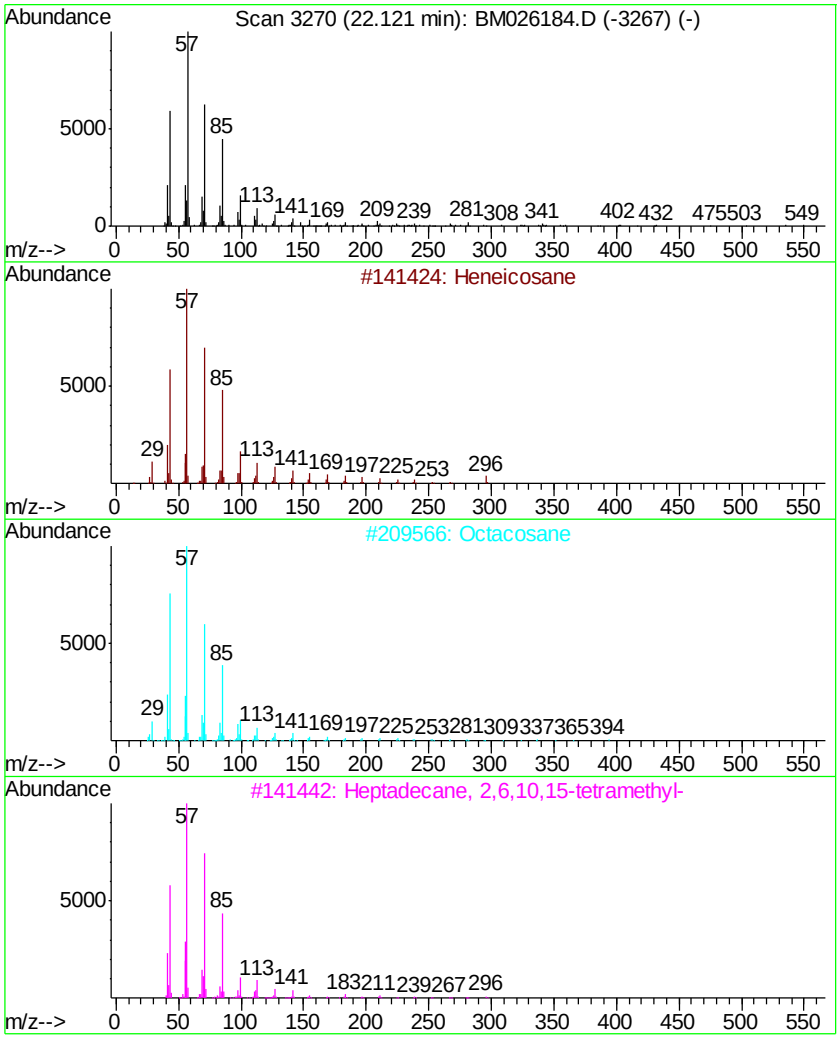
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

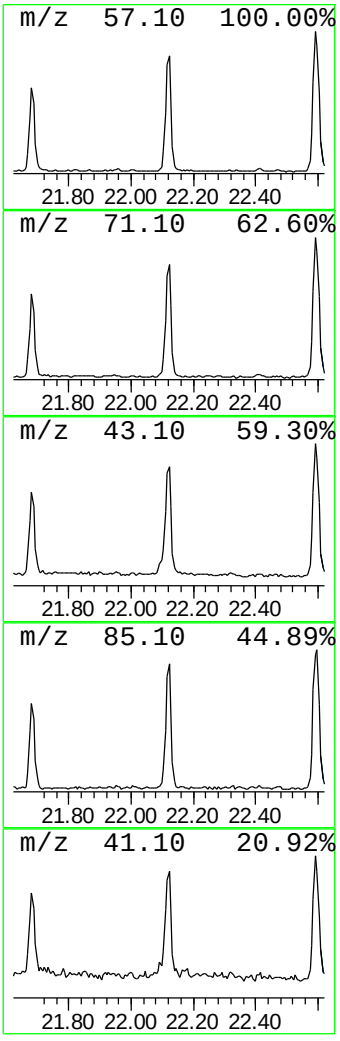
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.82 ng/ul	326520	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

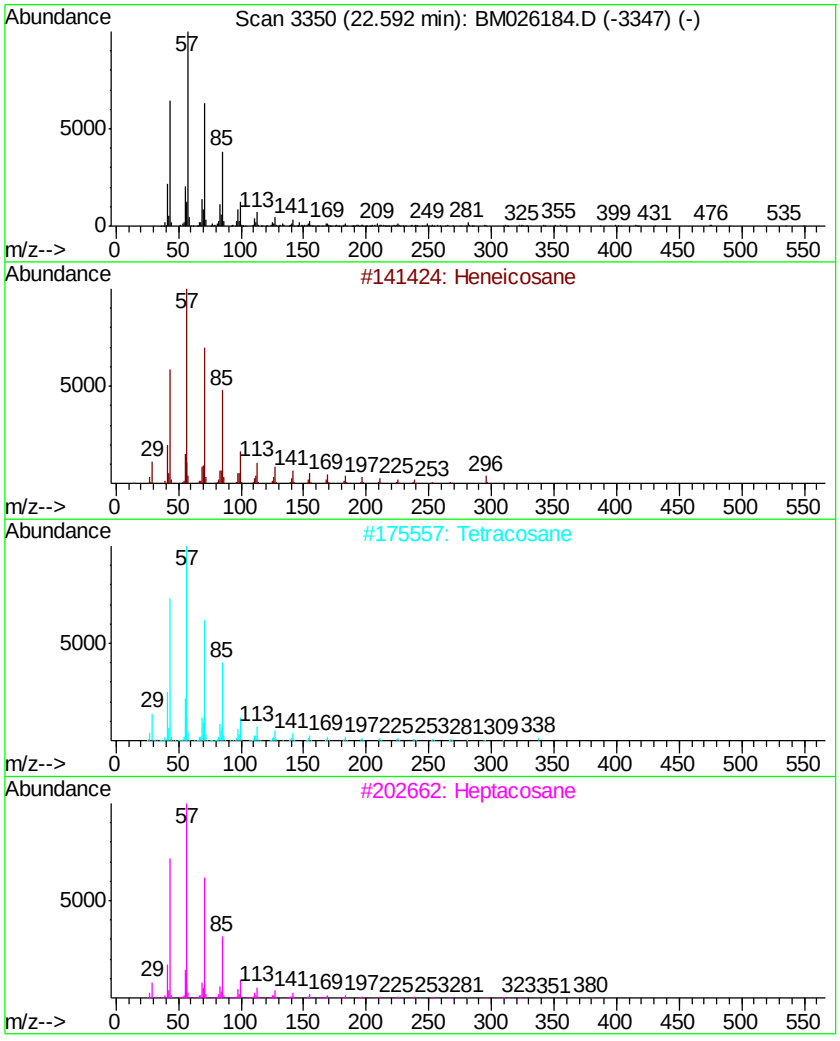
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

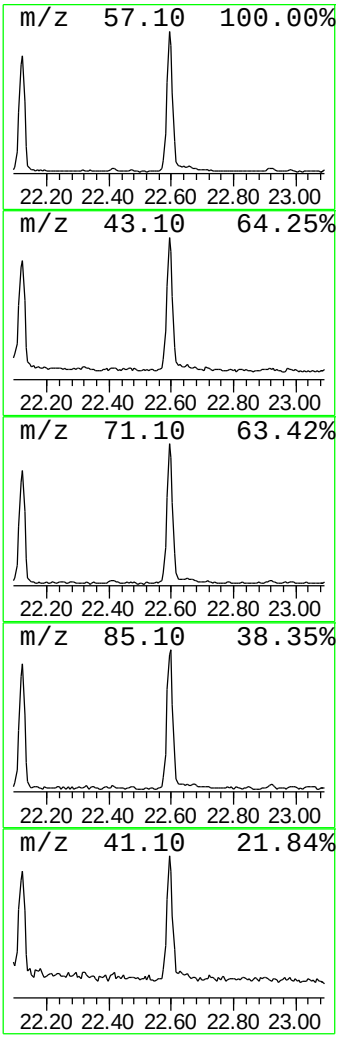
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	3.30 ng/ul	396100	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





Library Search Compound Report

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Data File : BM026184.D
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Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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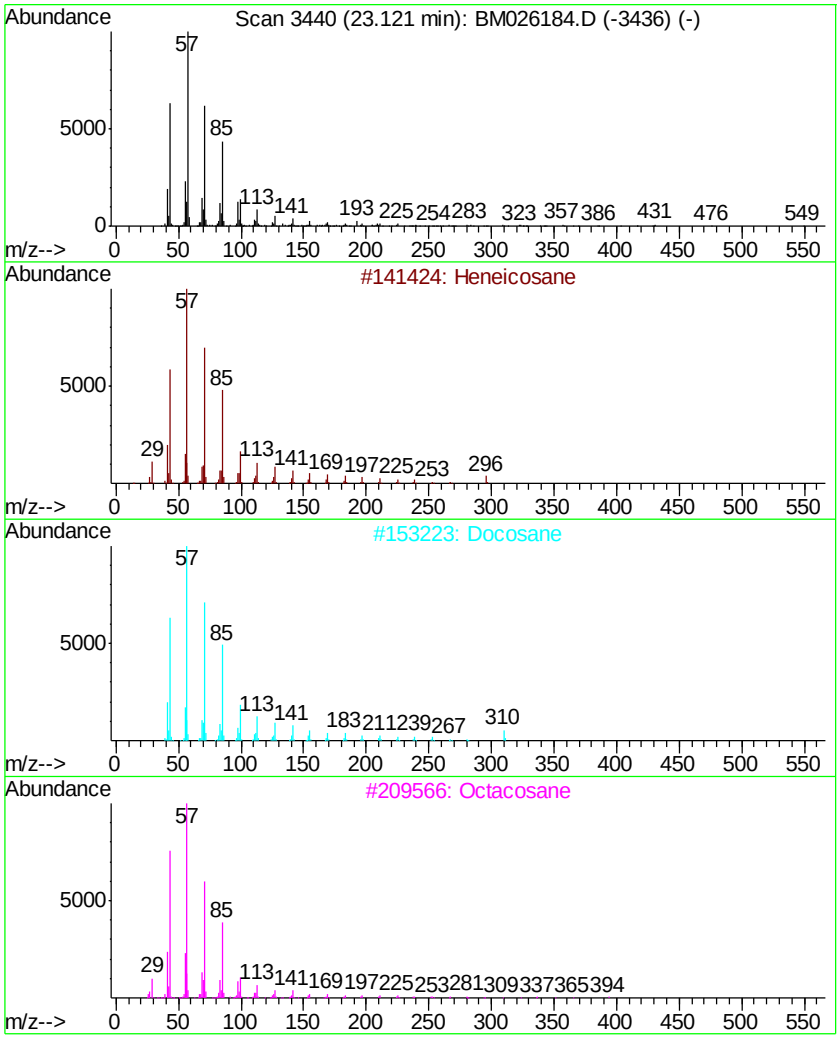
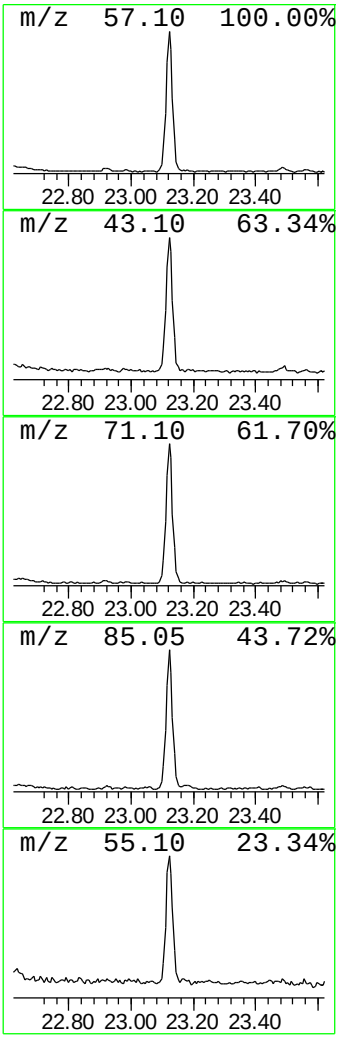
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	3.92 ng/ul	470246	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Docosane	310	C22H46	000629-97-0	95
3	Octacosane	394	C28H58	000630-02-4	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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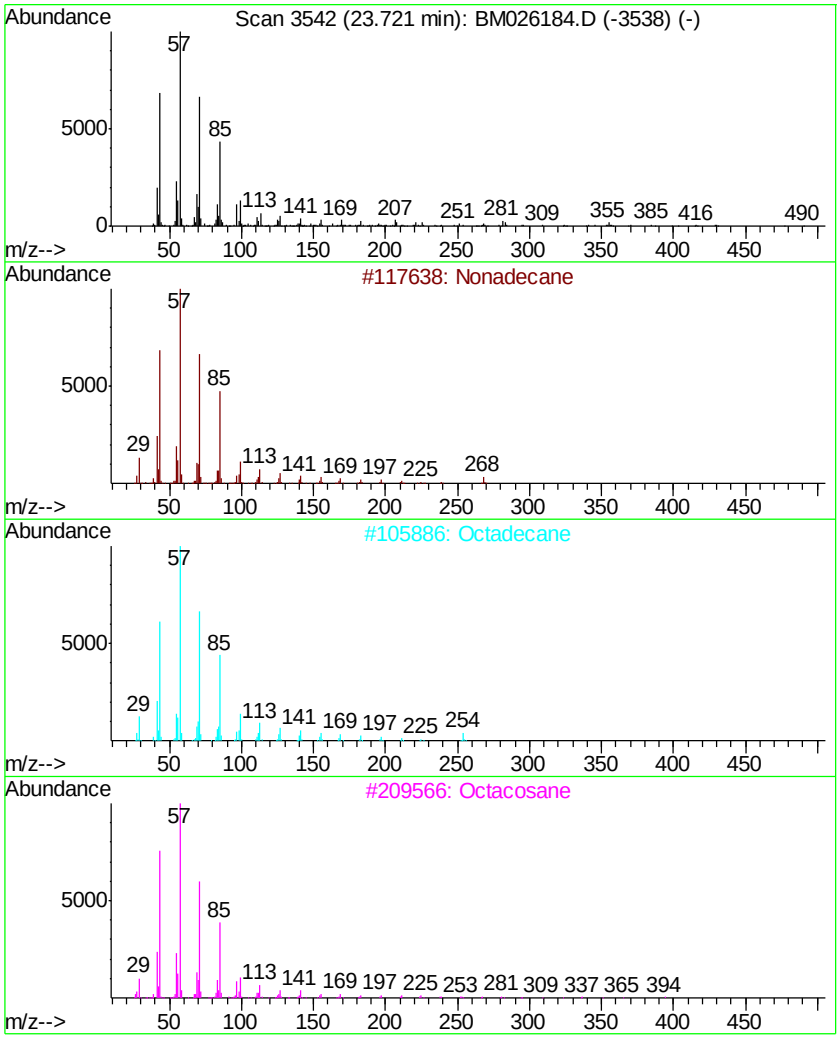
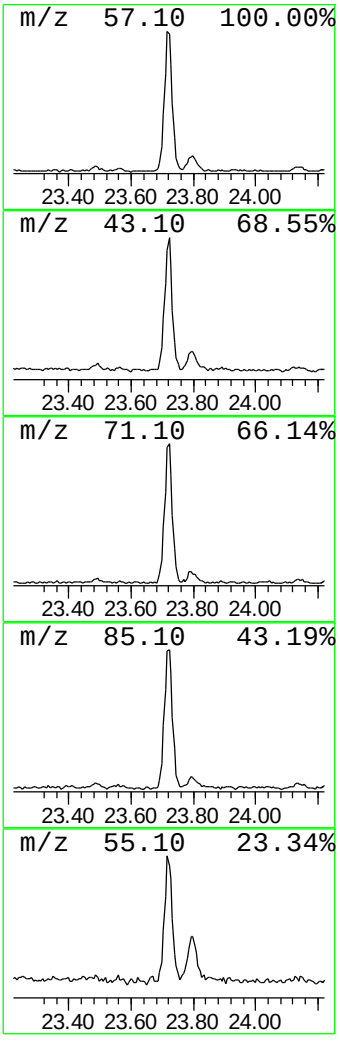
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	3.50 ng/ul	419611	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heptacosane	380	C27H56	000593-49-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052920\
Data File : BM026184.D
Acq On : 29 May 2020 22:57
Operator : MA/SJ
Sample : L2820-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB632

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
1,3-Oxathiolane	4.18	3.0	ng/ul	129383	1	7.48	855417	20.0
Benzenamine, 3-me...	8.46	2.3	ng/ul	98989	1	7.48	855417	20.0
(DEL) Alkane: Str...	20.82	3.5	ng/ul	399188	5	21.07	2313010	20.0
(DEL) Alkane: Str...	22.12	2.8	ng/ul	326520	5	21.07	2313010	20.0
(DEL) Alkane: Str...	22.59	3.3	ng/ul	396100	6	23.19	2397040	20.0
(DEL) Alkane: Str...	23.12	3.9	ng/ul	470246	6	23.19	2397040	20.0
(DEL) Alkane: Str...	23.72	3.5	ng/ul	419611	6	23.19	2397040	20.0