LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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	35	rVB	29644	38126	0.82%	0.072%
2	3.422	71	74	82	rBV	15538	24986	0.54%	0.047%
3	3.875	147	151	155	rVB2	7657	9727	0.21%	0.018%
4	4.087	184	187	192	rBV3	8418	10288	0.22%	0.019%
5	4.493	252	256	260	rVB5	5147	5835	0.13%	0.011%
6	4.763	297	302	308	rBV6	4171	7950	0.17%	0.015%
7	6.310	560	565	574	rVB3	11187	19636	0.42%	0.037%
8	6.628	614	619	621	rBV5	3727	5543	0.12%	0.010%
9	6.781	638	645	657	rBV	660976	1034288	22.20%	1.947%
10	6.940	666	672	681	rVB	508273	746882	16.03%	1.406%
11	7.140	699	706	714	rBV	665137	1044587	22.43%	1.967%
12	7.210	714	718	732	rVB	145129	243767	5.23%	0.459%
13	7.540	771	774	778	rBV4	4563	8015	0.17%	0.015%
14	7.598	778	784	793	rVB	611018	929913	19.96%	1.751%
15	7.834	819	824	828	rBV6	3056	6026	0.13%	0.011%
16	8.304	897	904	920	rBV	864906	1344112	28.86%	2.531%
17	8.739	971	978	985	rBV	647949	1033063	22.18%	1.945%
18	9.216	1054	1059	1063	rBV5	3015	5278	0.11%	0.010%
19	9.457	1093	1100	1109	rBV	572919	919035	19.73%	1.730%
20	9.998	1185	1192	1209	rBV	899101	1502193	32.25%	2.828%
21	10.369	1247	1255	1262	rBV	829005	1321136	28.36%	2.487%
22	10.504	1270	1278	1292	rBV	796991	1350495	28.99%	2.543%
23	10.880	1338	1342	1345	rBV6	4291	6952	0.15%	0.013%
24	11.963	1520	1526	1532	rVB3	13481	21583	0.46%	0.041%
25	12.192	1560	1565	1578	rBV2	17091	40652	0.87%	0.077%
26	12.604	1630	1635	1640	rVB6	5784	10518	0.23%	0.020%
27	12.857	1673	1678	1682	rBV2	3299	4876	0.10%	0.009%
28	13.157	1720	1729	1738	rBV	929366	1436132	30.83%	2.704%
29	13.574	1793	1800	1806	rBV	134983	194001	4.16%	0.365%
30	13.657	1807	1814	1818	rVV	1642747	2342683	50.29%	4.411%
31	13.698	1818	1821	1828	rVB	460560	612866	13.16%	1.154%
32	13.927	1853	1860	1871	rBV	1843256	2688339	57.71%	5.061%
33	14.098	1884	1889	1894	rBV6	4630	7839	0.17%	0.015%
34	14.239	1904	1913	1921	rVB	1338200	2012410	43.20%	3.789%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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	14.327	1923	1928	1935	rVB9	6319	11859	0.25%	0.022%
36	14.445	1940	1948	1957	rVV	762173	1142863	24.53%	2.152%
37	14.510	1957	1959	1966	rVV5	22670	41077	0.88%	0.077%
38	14.574	1966	1970	1980	rVV6	9047	26386	0.57%	0.050%
39	14.686	1982	1989	1995	rVV8	6450	13864	0.30%	0.026%
40	14.768	1998	2003	2014	rVB6	4863	12382	0.27%	0.023%
41	15.068	2051	2054	2059	rVB5	5655	8521	0.18%	0.016%
42	15.121	2059	2063	2068	rBV8	4358	7536	0.16%	0.014%
43	15.233	2076	2082	2092	rVB	2447463	3358819	72.11%	6.324%
44	15.357	2096	2103	2106	rBV	790764	1052414	22.59%	1.981%
45	15.392	2106	2109	2119	rVV	443512	588011	12.62%	1.107%
46	15.474	2119	2123	2128	rVB2	31106	44825	0.96%	0.084%
47	15.592	2139	2143	2147	rBV7	5738	10001	0.21%	0.019%
48	15.733	2161	2167	2171	rVB6	11692	21186	0.45%	0.040%
49	15.810	2176	2180	2181	rBV3	6113	7444	0.16%	0.014%
50	16.021	2212	2216	2223	rVB7	9559	16111	0.35%	0.030%
51	16.151	2233	2238	2242	rBV7	3238	5339	0.11%	0.010%
52	16.415	2280	2283	2288	rBV6	3116	5091	0.11%	0.010%
53	16.639	2316	2321	2323	rBV5	4842	8137	0.17%	0.015%
54	16.662	2323	2325	2330	rVB4	5578	5902	0.13%	0.011%
55	16.768	2339	2343	2348	rBV4	9829	14741	0.32%	0.028%
56	16.980	2373	2379	2386	rBV	1716084	2443410	52.45%	4.600%
57	17.080	2390	2396	2408	rVV	2755929	3714078	79.73%	6.992%
58	17.245	2420	2424	2428	rVB6	9341	13208	0.28%	0.025%
59	17.315	2431	2436	2443	rVV	76342	110299	2.37%	0.208%
60	17.392	2446	2449	2454	rVB5	15332	22297	0.48%	0.042%
61	17.774	2511	2514	2518	rBV5	5571	7739	0.17%	0.015%
62	17.904	2531	2536	2544	rBV	370113	507236	10.89%	0.955%
63	18.209	2581	2588	2593	rBV10	13788	28334	0.61%	0.053%
64	18.368	2611	2615	2618	rBV6	4806	7988	0.17%	0.015%
65	18.709	2670	2673	2678	rBV7	6770	10881	0.23%	0.020%
66	18.774	2679	2684	2693	rVV	195590	279224	5.99%	0.526%
67	18.845	2693	2696	2702	rVB6	15373	27181	0.58%	0.051%
68	19.015	2721	2725	2728	rBV	32473	43674	0.94%	0.082%
69	19.045	2728	2730	2733	rVV3	18812	28385	0.61%	0.053%
70	19.098	2735	2739	2745	rVB	150963	179584	3.86%	0.338%
71	19.192	2751	2755	2762	rBV	110863	162011	3.48%	0.305%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
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Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

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Peak separation: 5

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

72	19.268	2764	2768	2774	rVB	33655	61311	1.32%	0.115%
73	19.380	2781	2787	2793	rBV	3346207	4517085	96.97%	8.504%
74	19.427	2793	2795	2800	rVB2	30995	36298	0.78%	0.068%
75	19.550	2811	2816	2820	rBV6	27106	49523	1.06%	0.093%
76	19.774	2851	2854	2860	rVB2	39162	54720	1.17%	0.103%
77	19.927	2876	2880	2885	rBV3	92331	155809	3.34%	0.293%
78	20.286	2938	2941	2944	rBV4	23484	26071	0.56%	0.049%
79	20.739	3014	3018	3023	rBV	537663	606615	13.02%	1.142%
80	20.915	3044	3048	3055	rBV	903144	1050996	22.56%	1.979%
81	21.121	3080	3083	3087	rVB	84150	83356	1.79%	0.157%
82	21.180	3087	3093	3098	rBV	2441770	3058510	65.66%	5.758%
83	21.803	3195	3199	3204	rVB	326478	420386	9.02%	0.791%
84	22.774	3361	3364	3374	rVB2	233346	369196	7.93%	0.695%
85	23.227	3434	3441	3448	rBV	2699413	4658108	100.00%	8.770%
86	23.362	3457	3464	3474	rVB2	1624373	2989566	64.18%	5.628%

Sum of corrected areas: 53115320

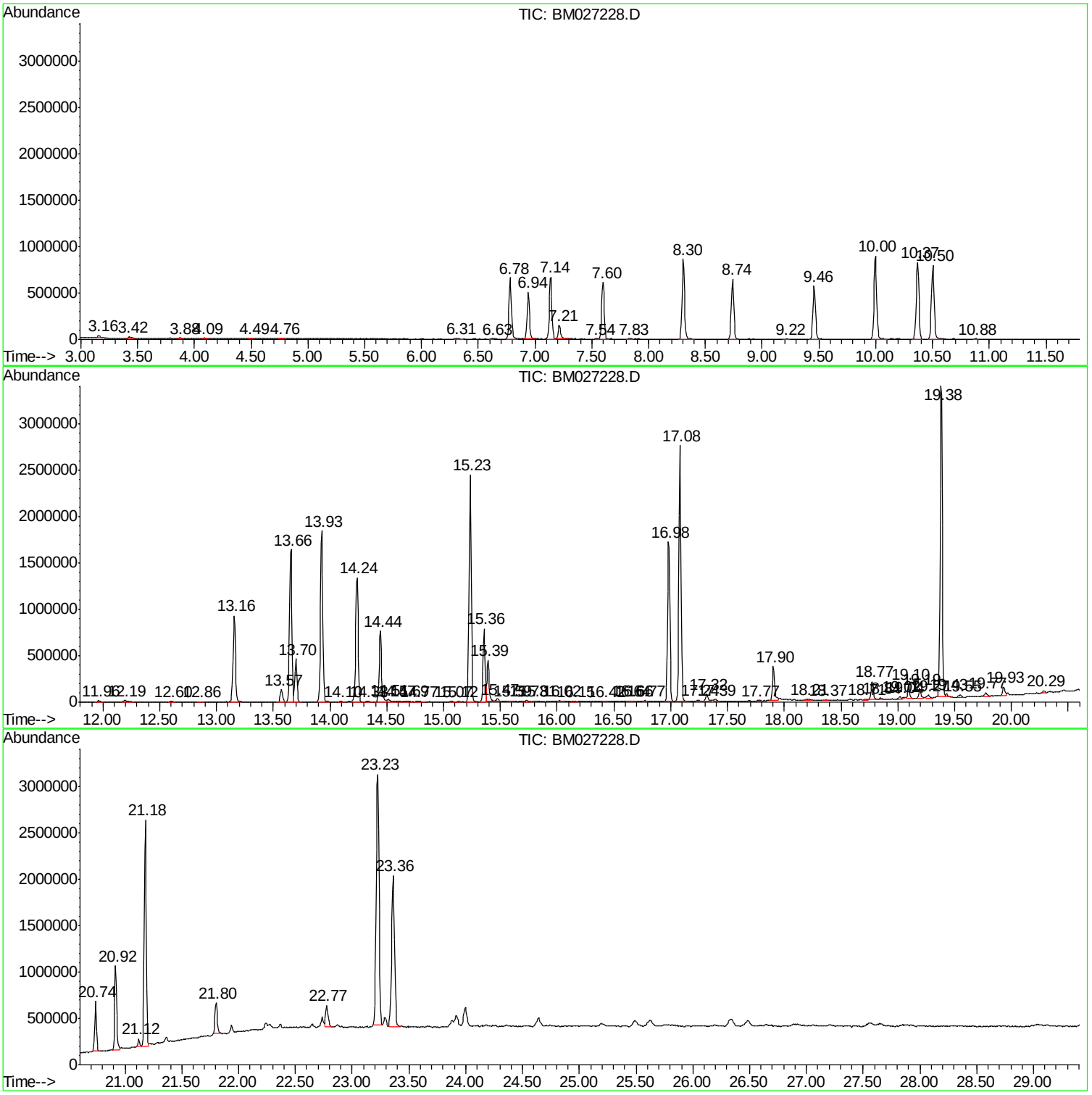
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

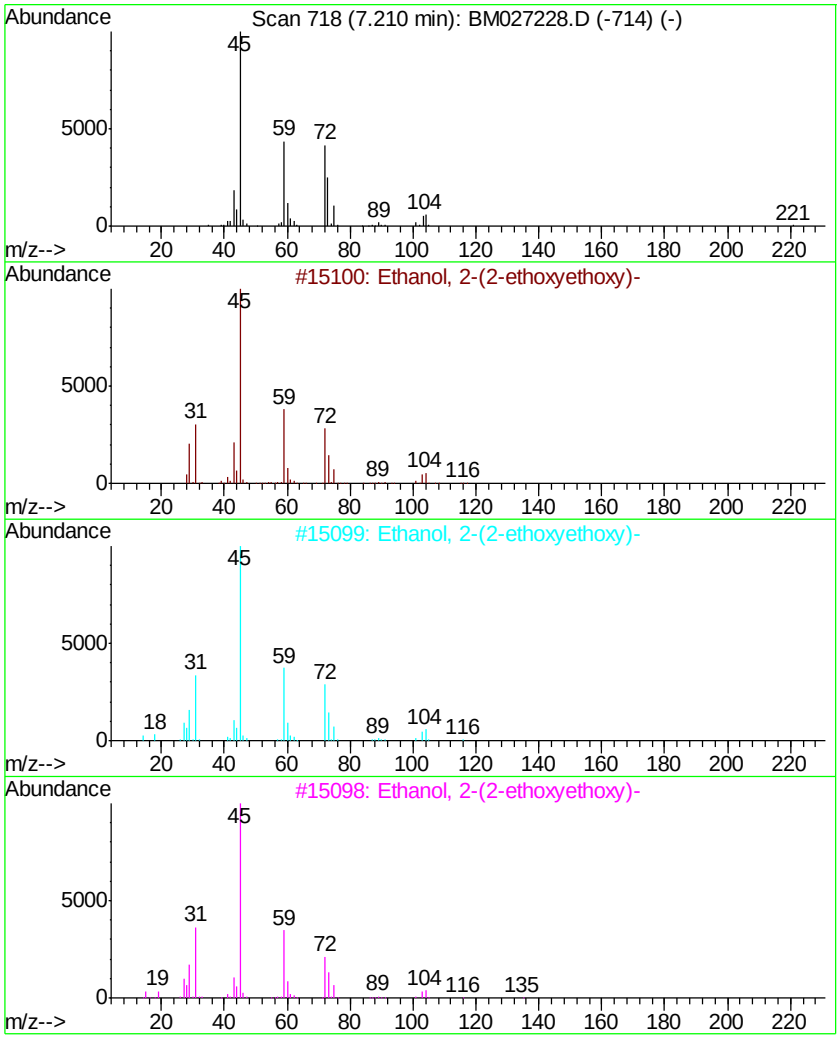
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

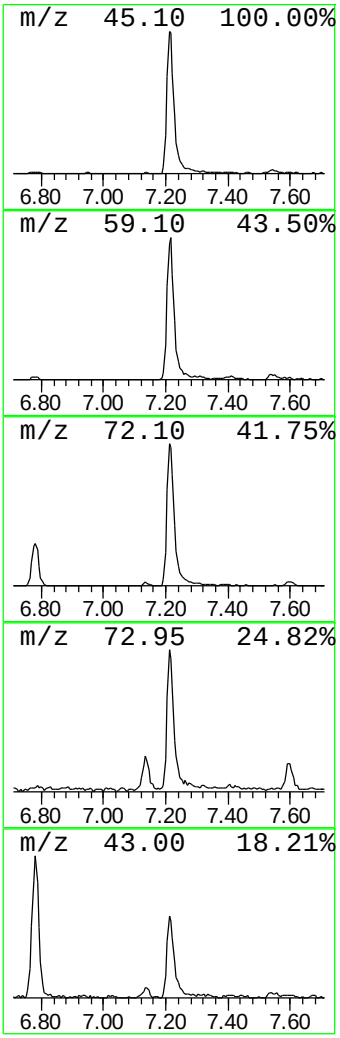
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	5.24 ng/ul	243767	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
5	Diethyl carbitol	162	C8H18O3	000112-36-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

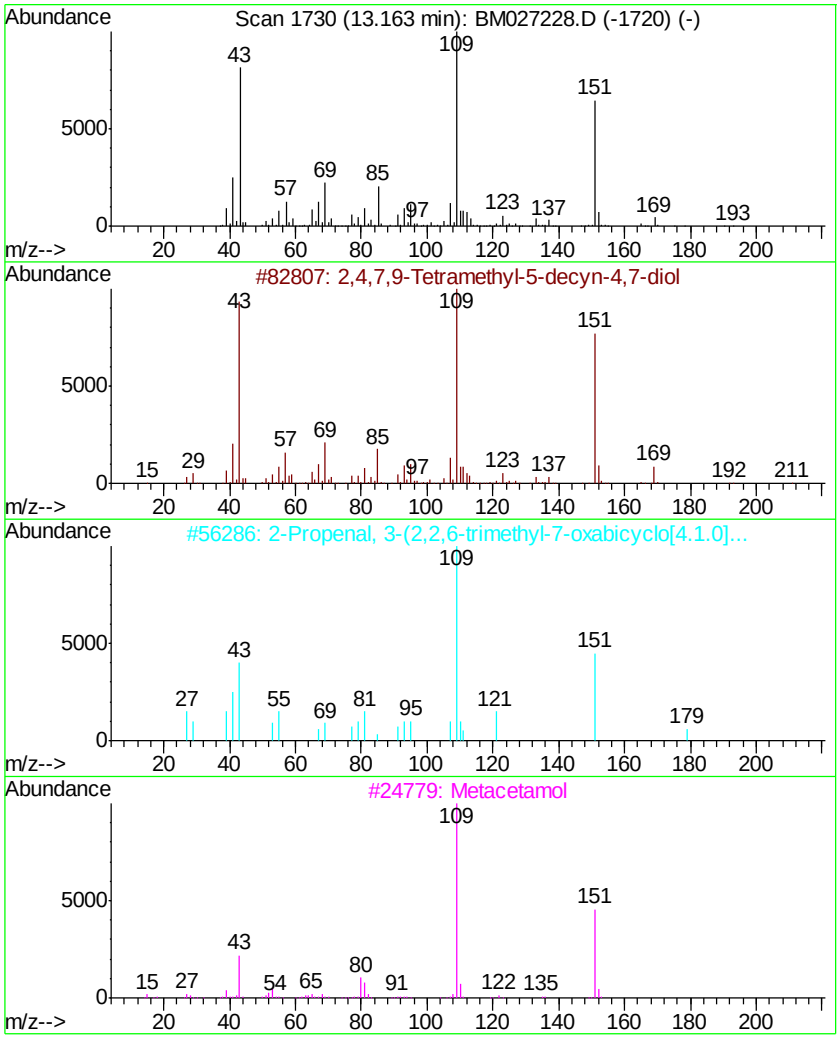
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

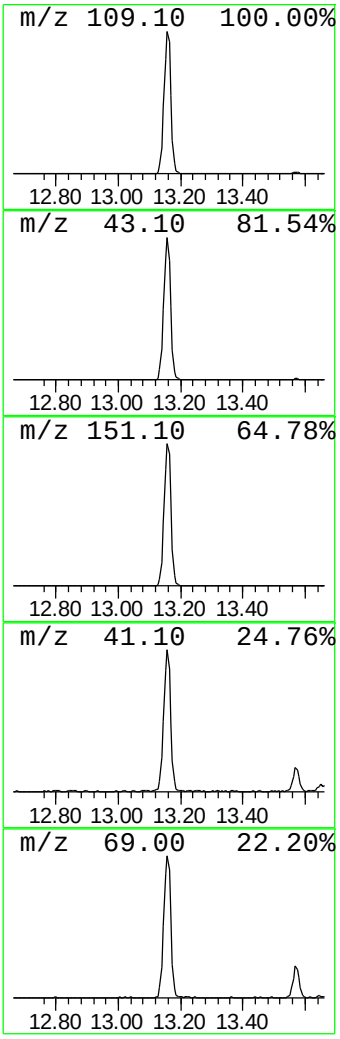
****

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	14.27 ng/ul	1436130	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	59
3	Metacetamol	151	C8H9NO2	000621-42-1	52
4	Benzenamine, 4-propoxy-	151	C9H13NO	004469-80-1	50
5	Acetaminophen	151	C8H9NO2	000103-90-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

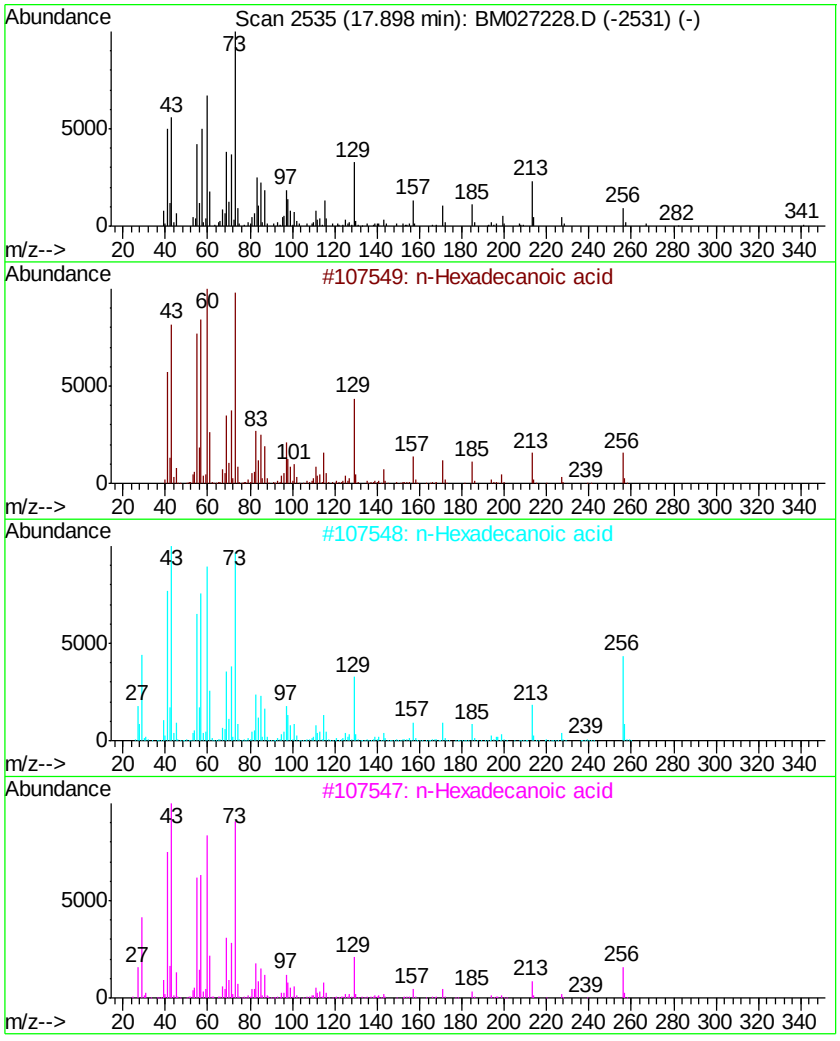
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

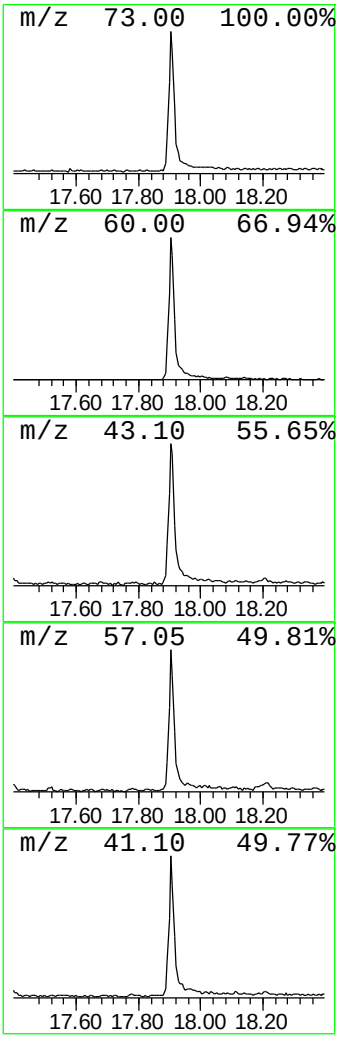
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	4.15 ng/ul	507236	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

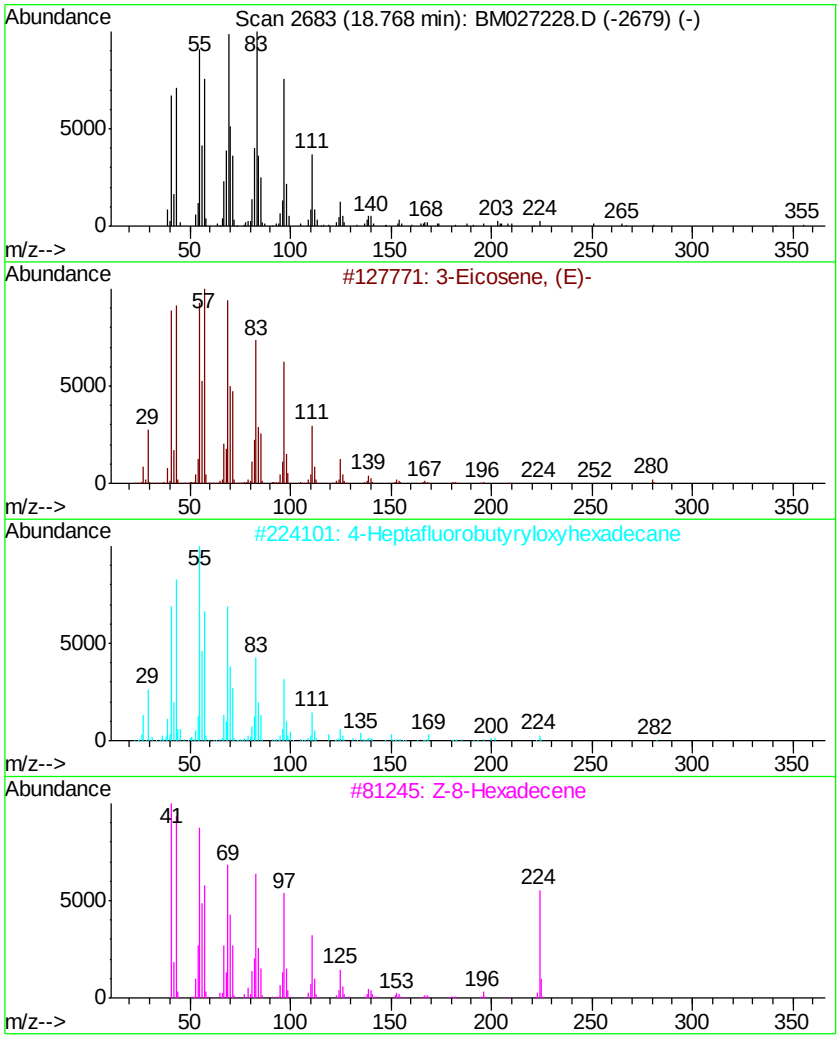
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

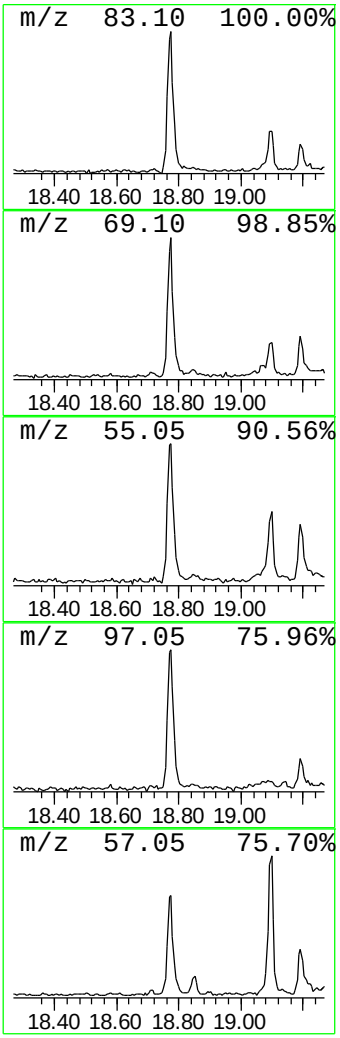
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.29 ng/ul	279224	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
3	Z-8-Hexadecene	224	C16H32	1000130-87-5	91
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	90
5	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

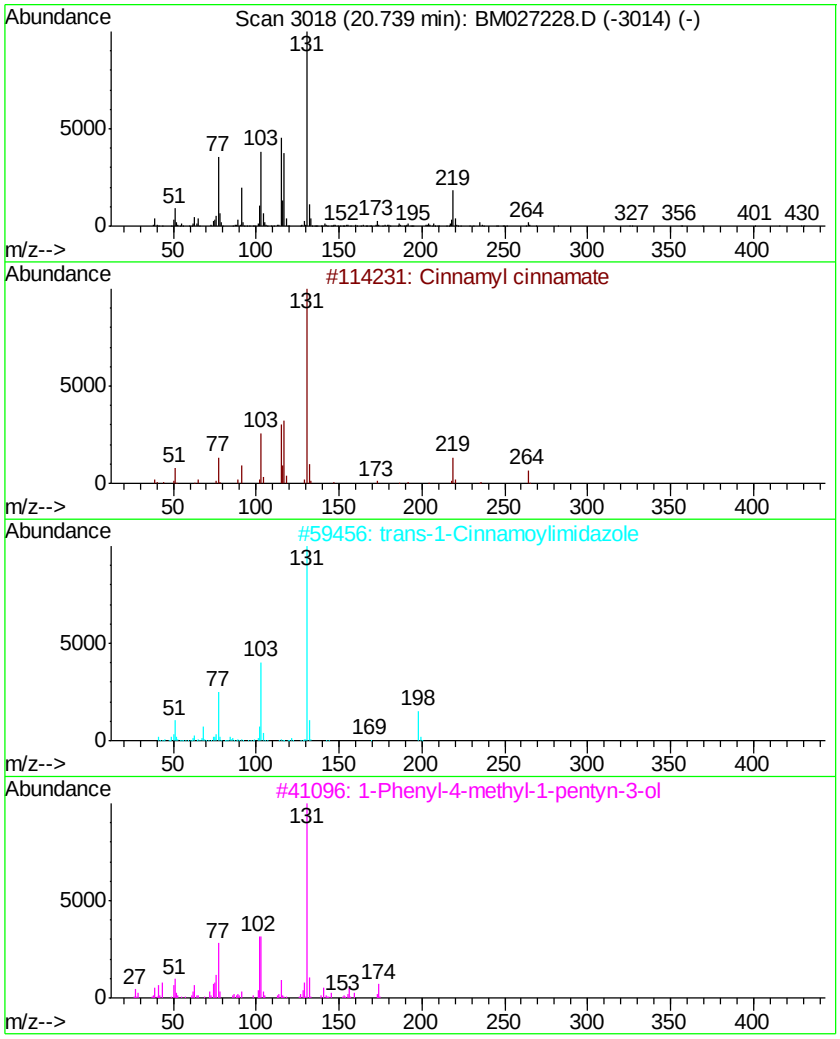
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

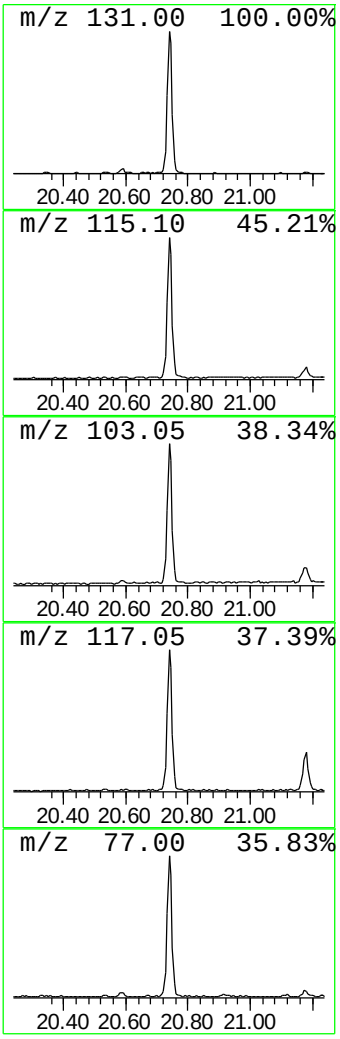
****

Peak Number 5 Cinnamyl cinnamate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	3.97 ng/ul	606615	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	80
2	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	50
3	1-Phenyl-4-methyl-1-pentyn-3-ol	174	C12H14O	005923-02-4	50
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	50
5	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

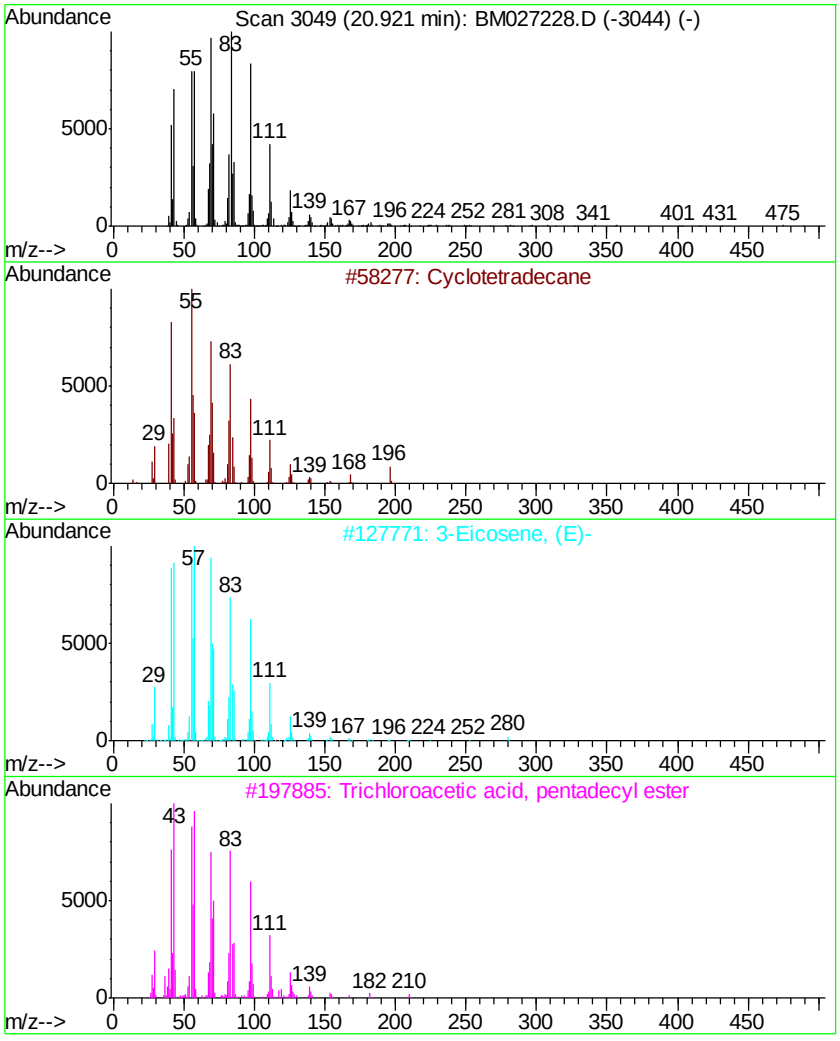
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

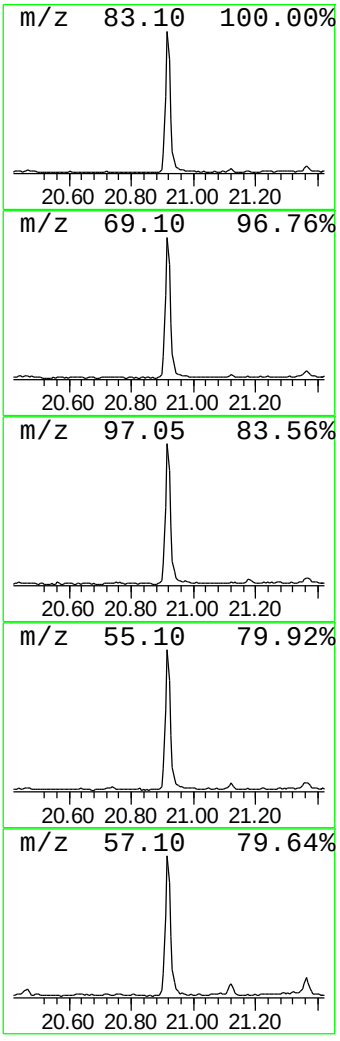
****

Peak Number 6 (DEL) Alkane: Cyclic20.92 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.87 ng/ul	1051000	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	Cycloeicosane	280	C20H40	000296-56-0	76
5	1-Docosene	308	C22H44	001599-67-3	76





Library Search Compound Report

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Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

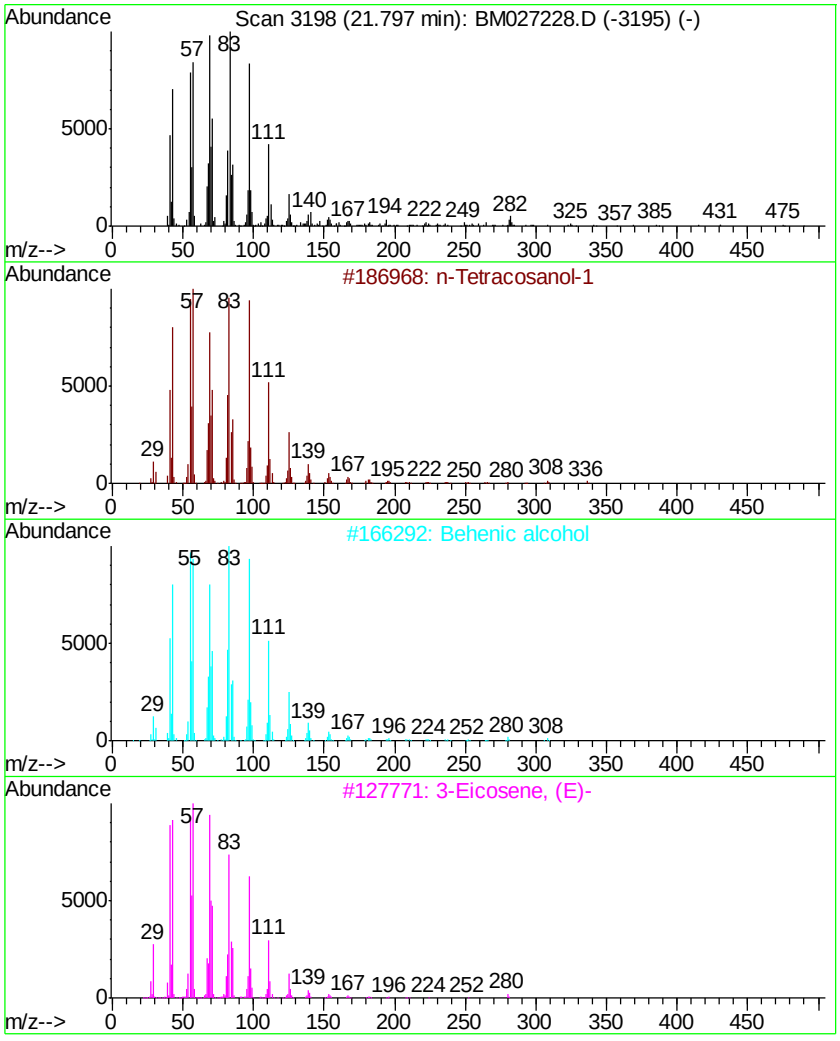
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

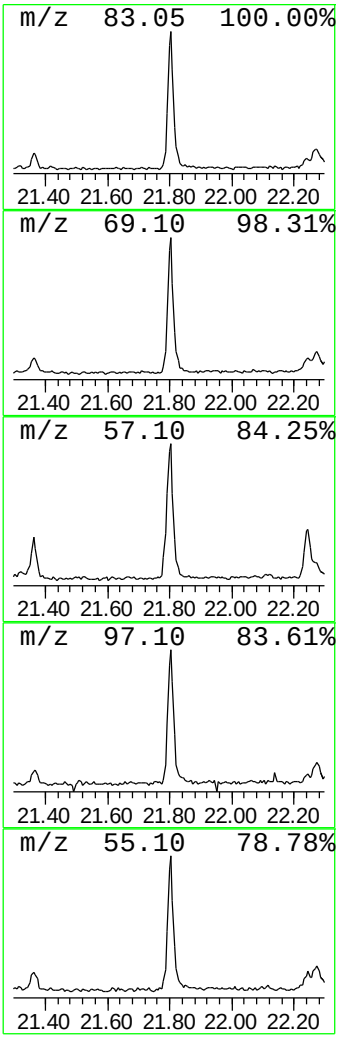
****

Peak Number 7 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.75 ng/ul	420386	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	1-Tricosanol	340	C23H48O	003133-01-5	87
5	1-Heneicosanol	312	C21H44O	015594-90-8	81





Library Search Compound Report

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Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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

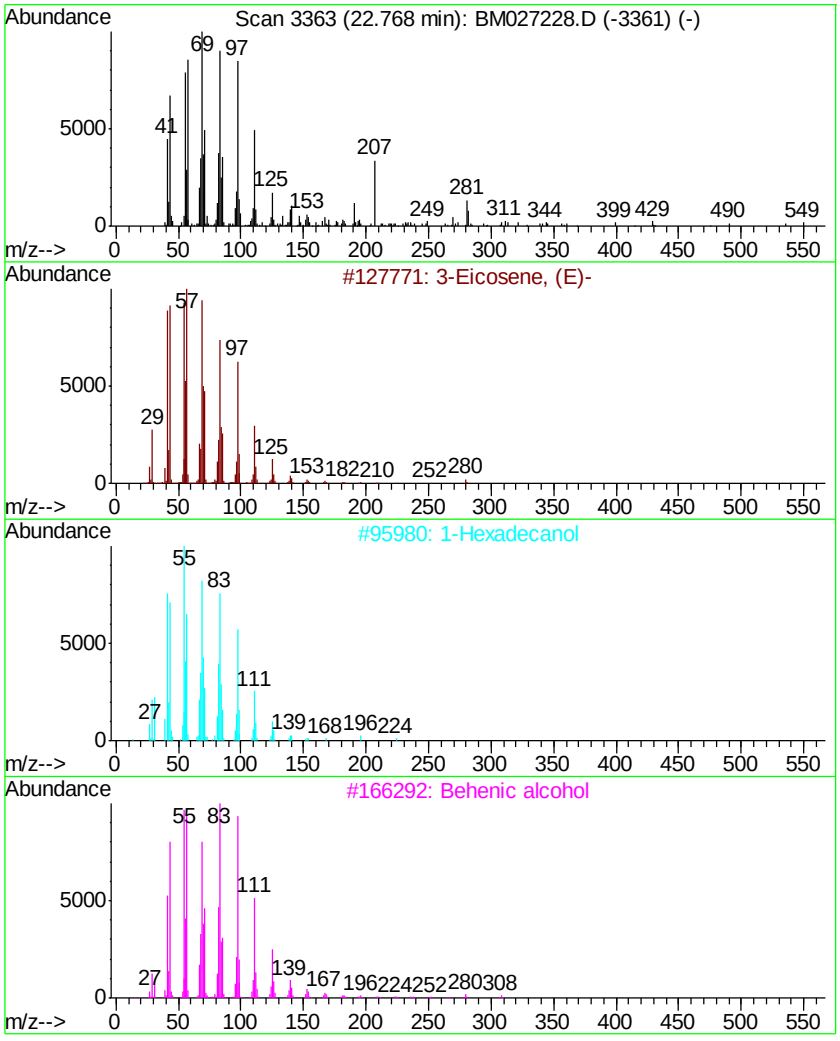
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

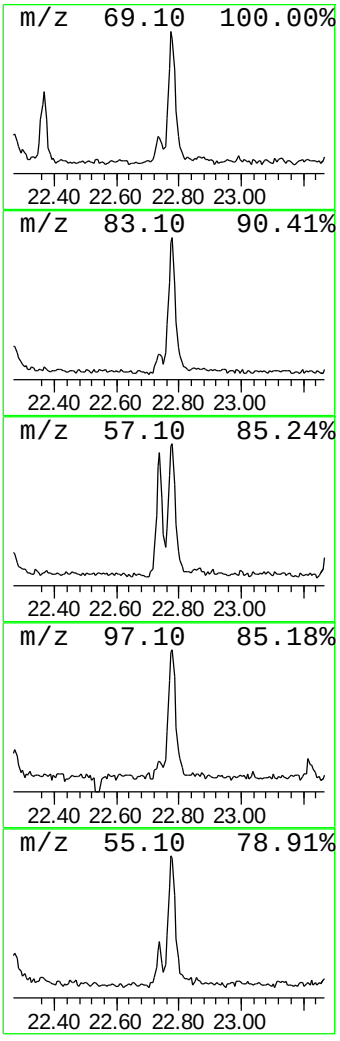
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.47 ng/ul	369196	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2	1-Hexadecanol	242	C16H34O	036653-82-4	83
3	Behenic alcohol	326	C22H46O	000661-19-8	81
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
5	1-Docosene	308	C22H44	001599-67-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082520\
Data File : BM027228.D
Acq On : 26 Aug 2020 01:00
Operator : JU/CG
Sample : L3613-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFP9

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
Ethanol, 2-(2-eth...	7.21	5.2	ng/ul	243767	1	7.60	929913	20.0
2,4,7,9-Tetrameth...	13.16	14.3	ng/ul	1436130	3	14.24	2012410	20.0
n-Hexadecanoic acid	17.90	4.2	ng/ul	507236	4	16.98	2443410	20.0
(DEL) Alkane: Str...	18.77	2.3	ng/ul	279224	4	16.98	2443410	20.0
Cinnamyl cinnamate	20.74	4.0	ng/ul	606615	5	21.18	3058510	20.0
(DEL) Alkane: Cyc...	20.92	6.9	ng/ul	1051000	5	21.18	3058510	20.0
n-Tetracosanol-1	21.80	2.8	ng/ul	420386	5	21.18	3058510	20.0
(DEL) Alkane: Str...	22.77	2.5	ng/ul	369196	6	23.36	2989570	20.0