LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

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-BM011520MA.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	3.063	26	30	37	rVB	42775	56182	0.84%	0.079%
2	3.681	132	135	138	rBV4	9267	11060	0.16%	0.015%
3	3.763	145	149	152	rBV2	8180	10704	0.16%	0.015%
4	4.646	294	299	308	rVB3	8802	17228	0.26%	0.024%
5	6.645	633	639	653	rBV	794857	1334940	19.87%	1.867%
6	6.804	660	666	675	rBV	586969	914018	13.60%	1.278%
7	6.998	692	699	707	rBV	891030	1371321	20.41%	1.918%
8	7.457	769	777	788	rBV	757731	1168049	17.38%	1.633%
9	7.551	789	793	796	rVB3	6287	8701	0.13%	0.012%
10	7.910	849	854	857	rVB4	7565	11524	0.17%	0.016%
11	8.169	891	898	905	rBV	1109637	1712336	25.48%	2.394%
12	8.228	905	908	914	rVB2	21248	36354	0.54%	0.051%
13	8.592	963	970	984	rBV	891616	1421143	21.15%	1.987%
14	8.792	999	1004	1011	rVB6	16191	29010	0.43%	0.041%
15	9.098	1051	1056	1063	rVB	19142	27505	0.41%	0.038%
16	9.310	1085	1092	1101	rBV	796065	1248682	18.58%	1.746%
17	9.416	1107	1110	1113	rBV2	7862	10310	0.15%	0.014%
18	9.728	1158	1163	1168	rVB5	4790	7816	0.12%	0.011%
19	9.845	1176	1183	1194	rBV	1243770	1996885	29.72%	2.792%
20	10.216	1238	1246	1252	rBV	1107767	1763242	26.24%	2.466%
21	10.263	1252	1254	1260	rVB	16308	23247	0.35%	0.033%
22	10.351	1263	1269	1281	rBV	819026	1401275	20.85%	1.959%
23	11.816	1513	1518	1523	rBV2	20194	31670	0.47%	0.044%
24	11.892	1526	1531	1537	rBV2	9988	14651	0.22%	0.020%
25	12.122	1564	1570	1573	rBV4	6622	11139	0.17%	0.016%
26	13.427	1788	1792	1798	rVB4	6543	9918	0.15%	0.014%
27	13.527	1803	1809	1813	rVV	2353530	3088370	45.96%	4.319%
28	13.574	1813	1817	1827	rVV	506523	669112	9.96%	0.936%
29	13.792	1846	1854	1866	rBV	2698360	3903345	58.09%	5.458%
30	14.104	1901	1907	1916	rVV	1899894	2790051	41.52%	3.901%
31	14.316	1936	1943	1955	rBV	1052289	1529895	22.77%	2.139%
32	14.510	1971	1976	1978	rBV2	11176	16593	0.25%	0.023%
33	14.539	1978	1981	1985	rVB2	20631	25946	0.39%	0.036%
34	15.015	2058	2062	2066	rBV3	7165	8700	0.13%	0.012%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

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-BM011520MA.M
Title : SVOA CALIBRATION

35	15.104	2070	2077	2084	rVV	3675121	4988267	74.23%	6.975%
36	15.157	2084	2086	2090	rVV3	20004	26614	0.40%	0.037%
37	15.227	2092	2098	2109	rVV	963959	1364021	20.30%	1.907%
38	15.345	2112	2118	2123	rVB	41949	60356	0.90%	0.084%
39	15.574	2154	2157	2160	rBV4	7704	9189	0.14%	0.013%
40	15.892	2206	2211	2215	rBV4	13525	25872	0.38%	0.036%
41	16.304	2276	2281	2284	rBV6	7220	10086	0.15%	0.014%
42	16.645	2335	2339	2341	rBV3	9012	12069	0.18%	0.017%
43	16.674	2341	2344	2347	rVB2	11925	12482	0.19%	0.017%
44	16.857	2368	2375	2380	rBV	2461298	3541783	52.70%	4.953%
45	16.892	2380	2381	2385	rVV	66853	61900	0.92%	0.087%
46	16.951	2385	2391	2402	rVV	3948129	5501788	81.87%	7.693%
47	17.068	2408	2411	2415	rVB4	10919	15088	0.22%	0.021%
48	17.539	2487	2491	2493	rBV4	4663	7514	0.11%	0.011%
49	17.733	2518	2524	2528	rBV4	8968	16163	0.24%	0.023%
50	17.798	2528	2535	2542	rBV	613682	855512	12.73%	1.196%
51	17.915	2552	2555	2557	rBV4	10110	12696	0.19%	0.018%
52	18.103	2584	2587	2591	rVB6	10091	12175	0.18%	0.017%
53	18.233	2607	2609	2613	rVV4	7749	7195	0.11%	0.010%
54	18.474	2645	2650	2655	rBV6	7649	13516	0.20%	0.019%
55	18.609	2670	2673	2677	rVB5	9588	14824	0.22%	0.021%
56	18.662	2677	2682	2686	rBV7	17974	26185	0.39%	0.037%
57	18.745	2693	2696	2700	rBV5	12657	13494	0.20%	0.019%
58	18.815	2706	2708	2713	rVB5	6445	7994	0.12%	0.011%
59	18.886	2716	2720	2723	rBV	46389	61954	0.92%	0.087%
60	18.921	2723	2726	2731	rVV	44811	73666	1.10%	0.103%
61	18.962	2731	2733	2738	rVB5	16152	23499	0.35%	0.033%
62	19.086	2750	2754	2760	rBV	252466	357757	5.32%	0.500%
63	19.139	2760	2763	2770	rVB	48377	77200	1.15%	0.108%
64	19.256	2776	2783	2792	rBV	5053828	6720026	100.00%	9.397%
65	19.327	2793	2795	2798	rVV4	26656	28388	0.42%	0.040%
66	19.362	2798	2801	2806	rVB4	20833	24740	0.37%	0.035%
67	19.827	2876	2880	2884	rBV6	35091	45494	0.68%	0.064%
68	19.868	2884	2887	2896	rVB5	37638	52670	0.78%	0.074%
69	20.233	2946	2949	2952	rVB4	16923	18179	0.27%	0.025%
70	20.368	2968	2972	2975	rBV	68401	65934	0.98%	0.092%
71	20.468	2987	2989	2994	rVB2	20559	18998	0.28%	0.027%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

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-BM011520MA.M
Title : SVOA CALIBRATION

72	20.815	3044	3048	3061	rBV	1352373	1747798	26.01%	2.444%
73	21.056	3084	3089	3103	rBV	3289415	4257122	63.35%	5.953%
74	21.268	3121	3125	3131	rBV	293600	314951	4.69%	0.440%
75	21.691	3193	3197	3202	rBV	455297	541332	8.06%	0.757%
76	22.127	3267	3271	3282	rVB	519171	713398	10.62%	0.998%
77	22.609	3348	3353	3357	rBV	560210	761910	11.34%	1.065%
78	23.044	3420	3427	3438	rVB	3521319	5899692	87.79%	8.250%
79	23.144	3438	3444	3445	rBV	584773	869644	12.94%	1.216%
80	23.174	3445	3449	3458	rVB	2203172	3679427	54.75%	5.145%
81	23.744	3541	3546	3552	rVV	438481	730047	10.86%	1.021%
82	23.809	3552	3557	3569	rVB2	293626	563808	8.39%	0.788%
83	24.432	3659	3663	3671	rVB2	273538	569340	8.47%	0.796%

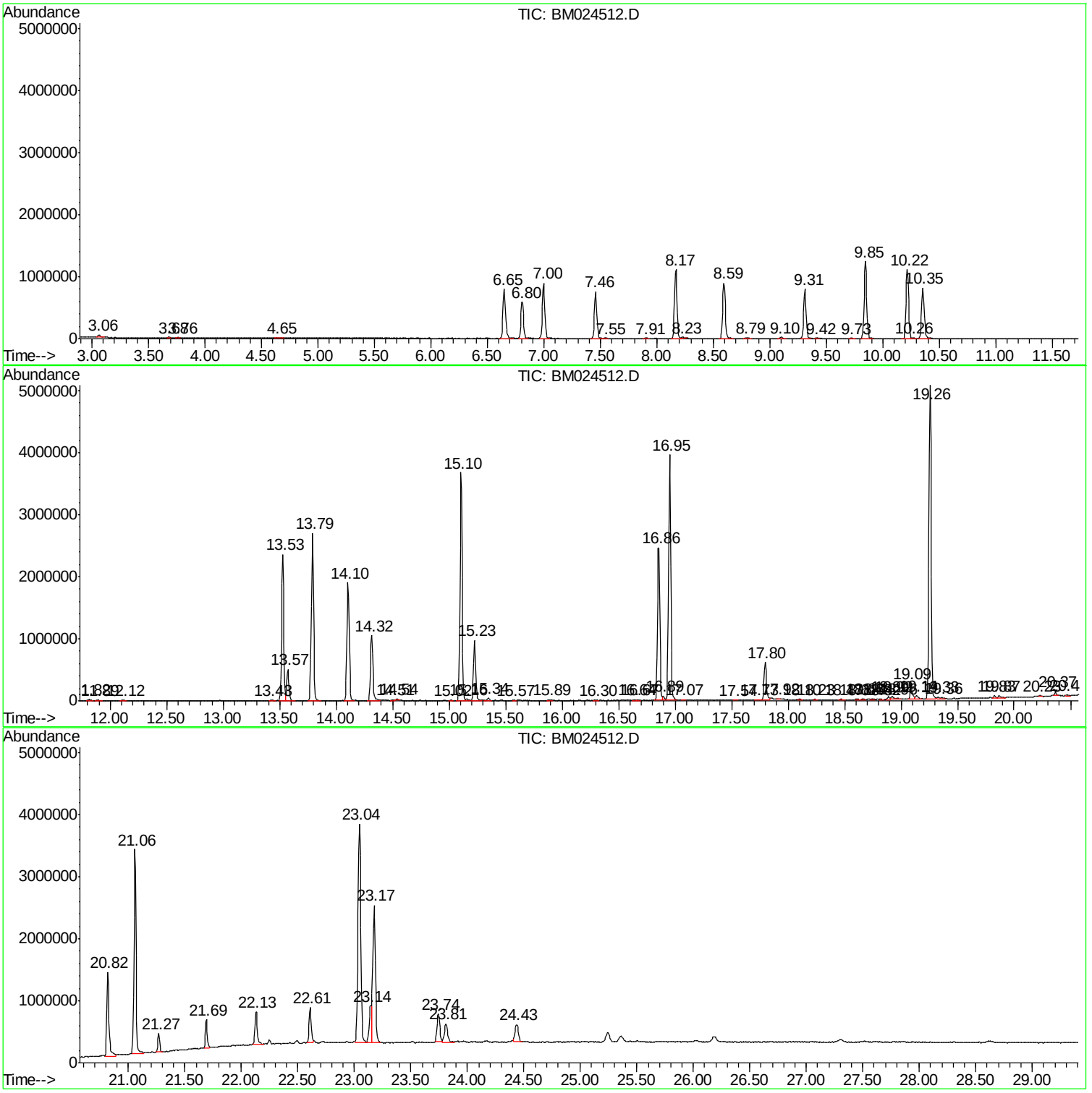
Sum of corrected areas: 71514679

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

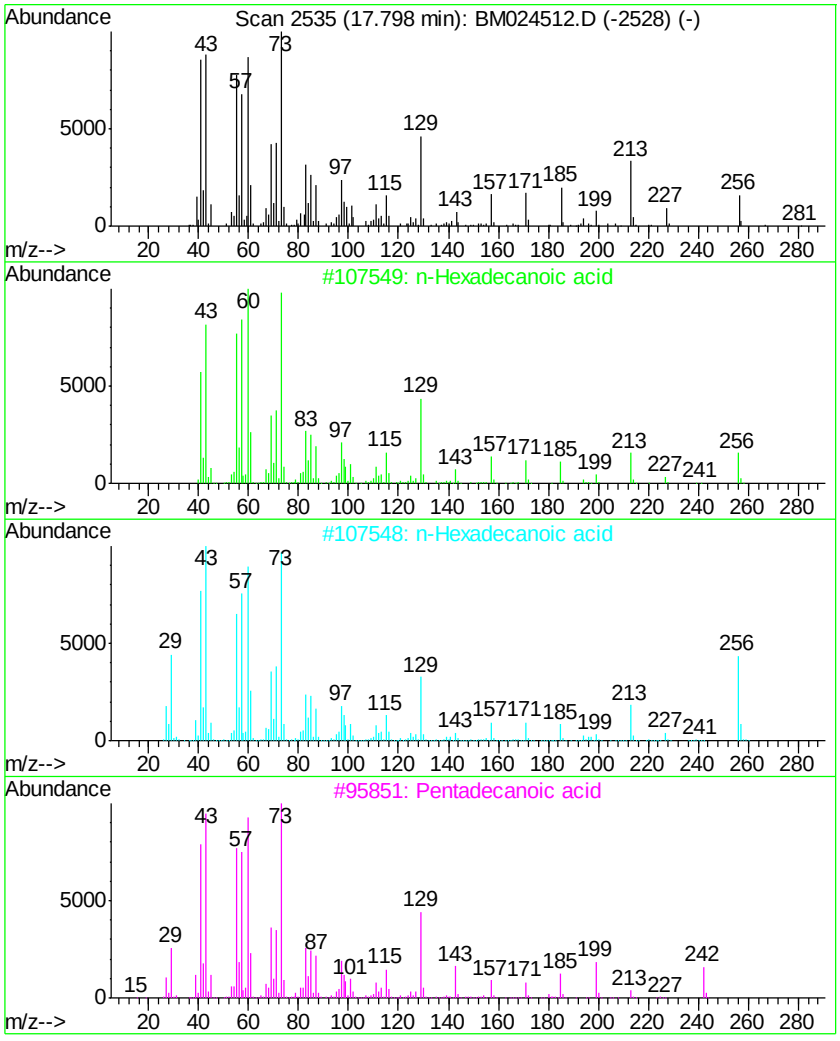
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

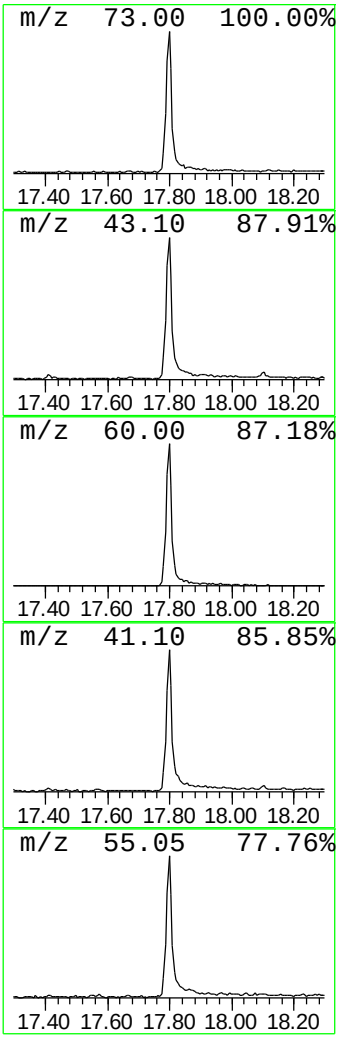
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	4.83 ng/ul	855512	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

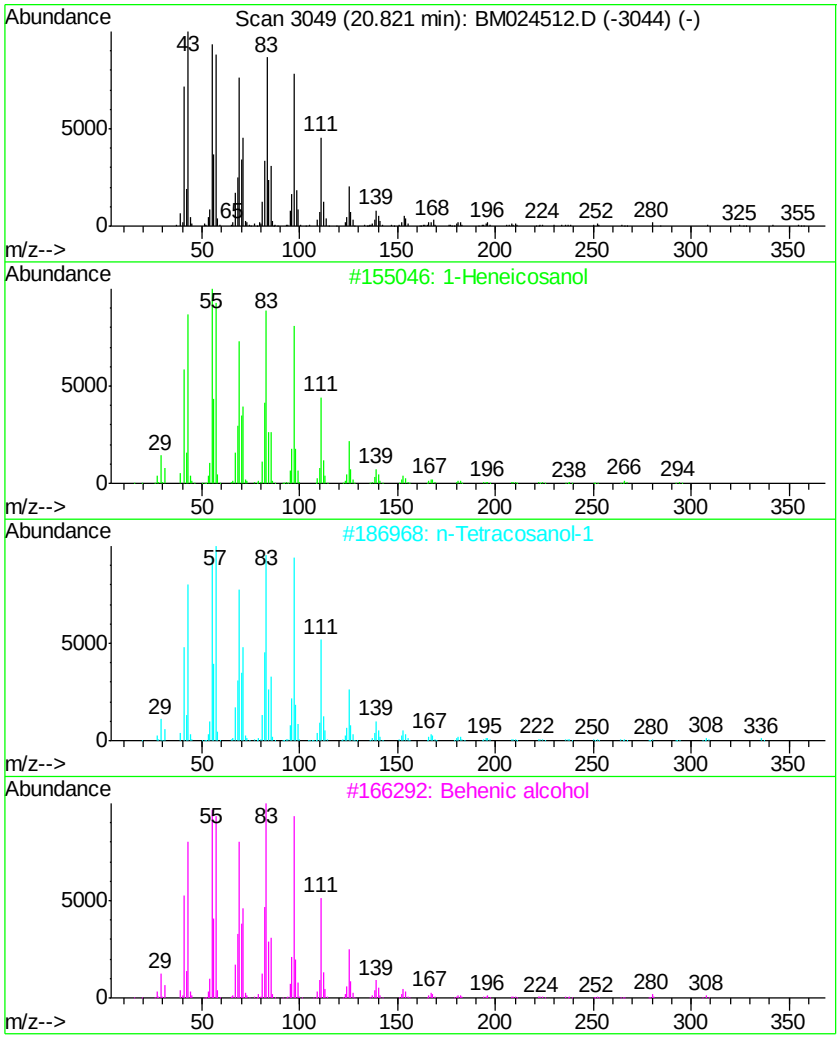
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

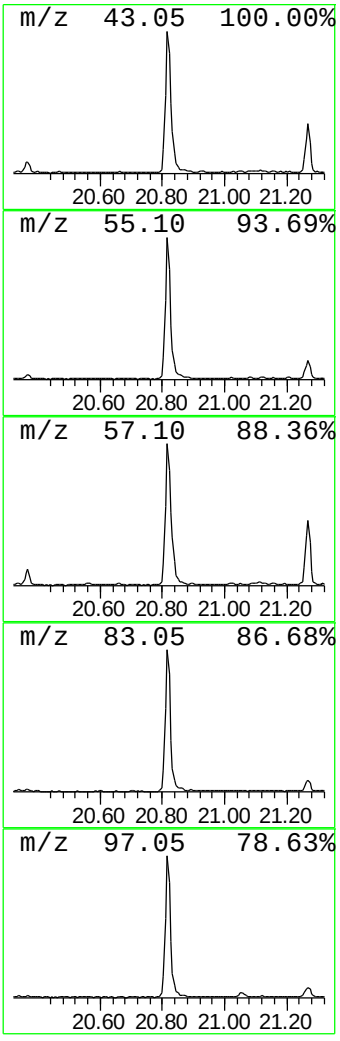
****

Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	8.21 ng/ul	1747800	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

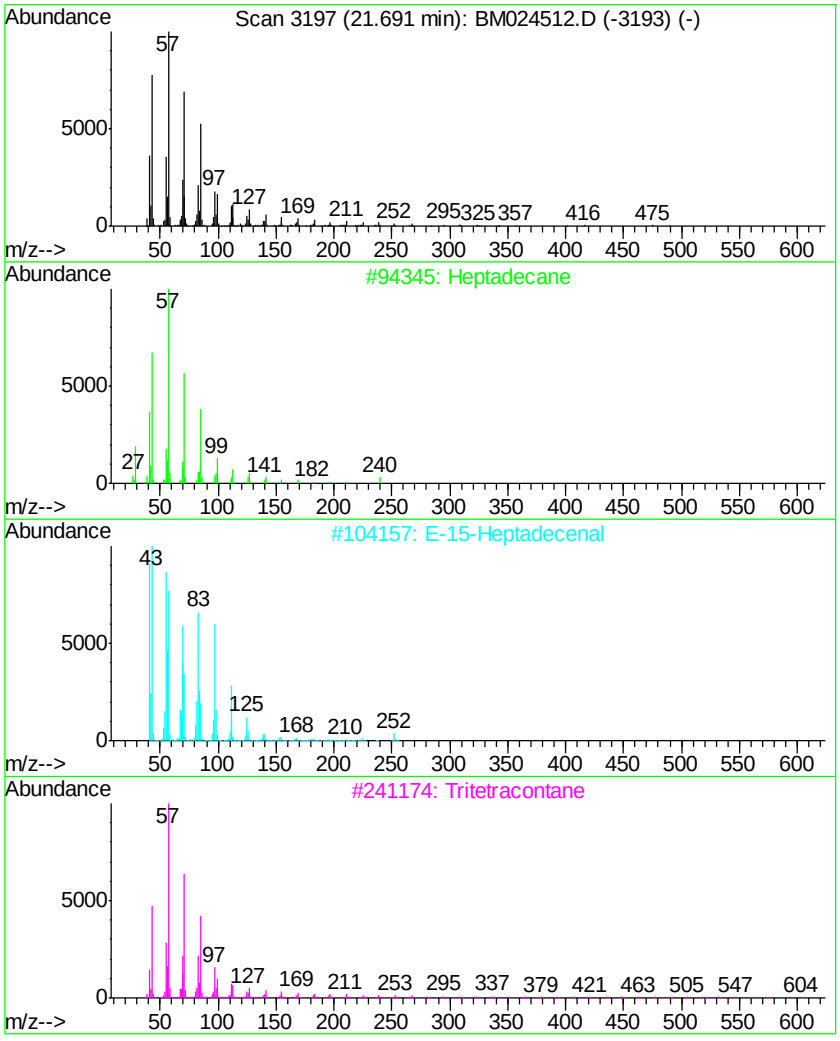
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

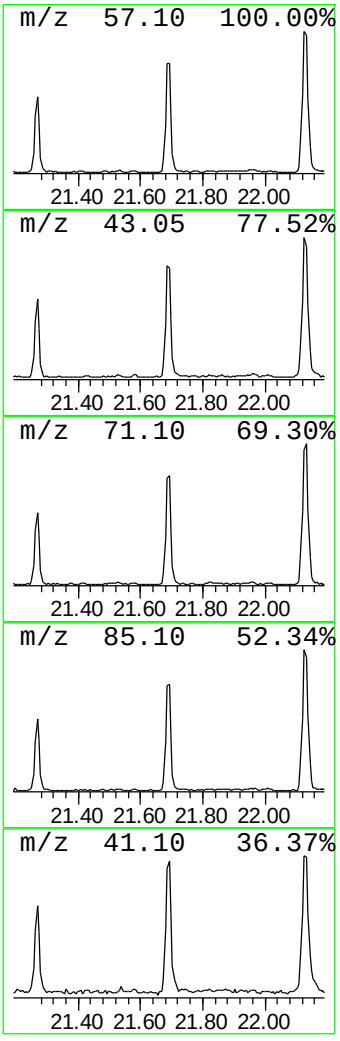
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.54 ng/ul	541332	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

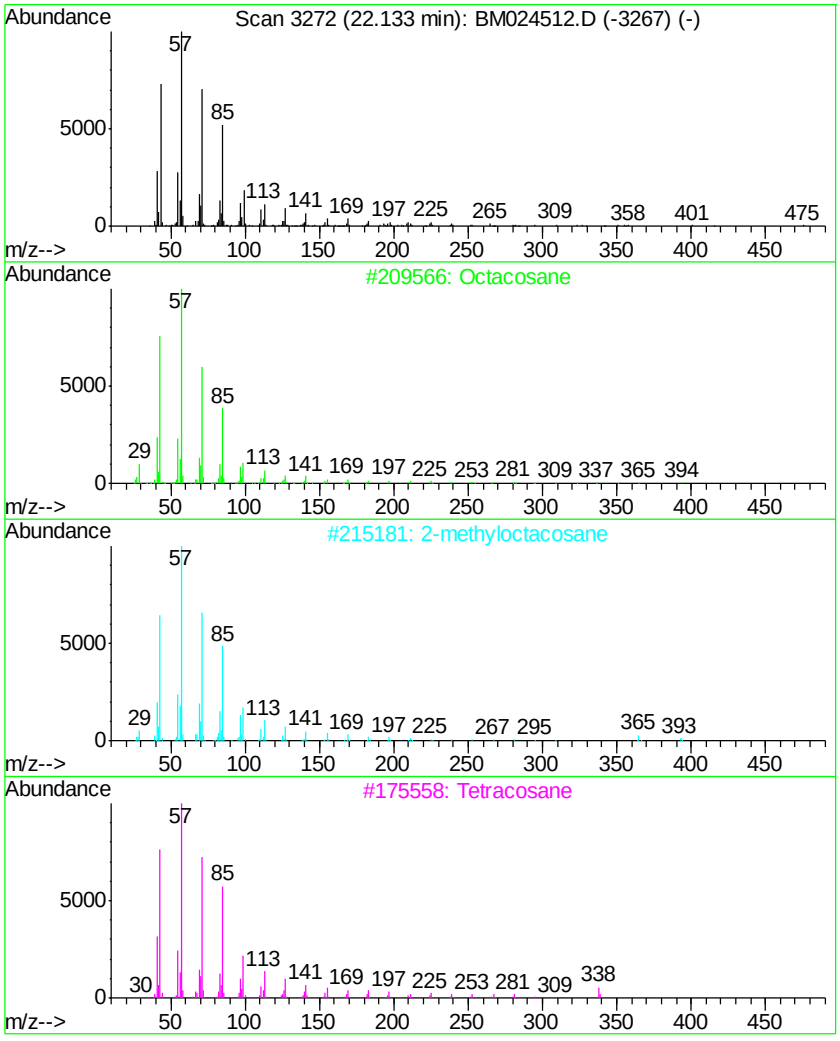
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

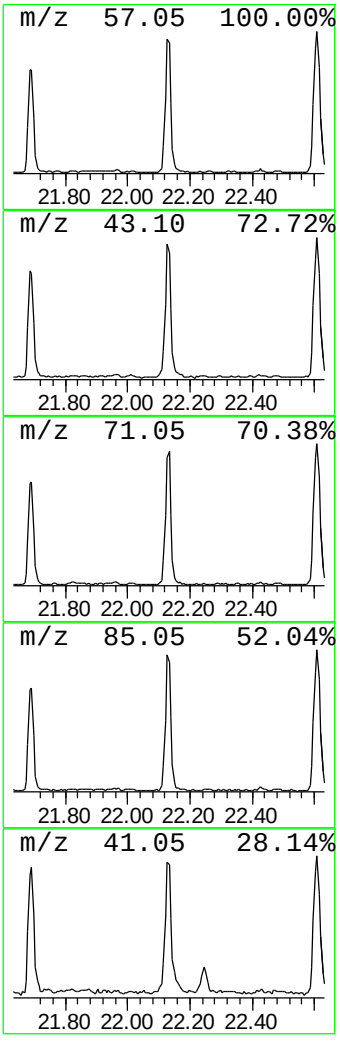
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	3.88 ng/ul	713398	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

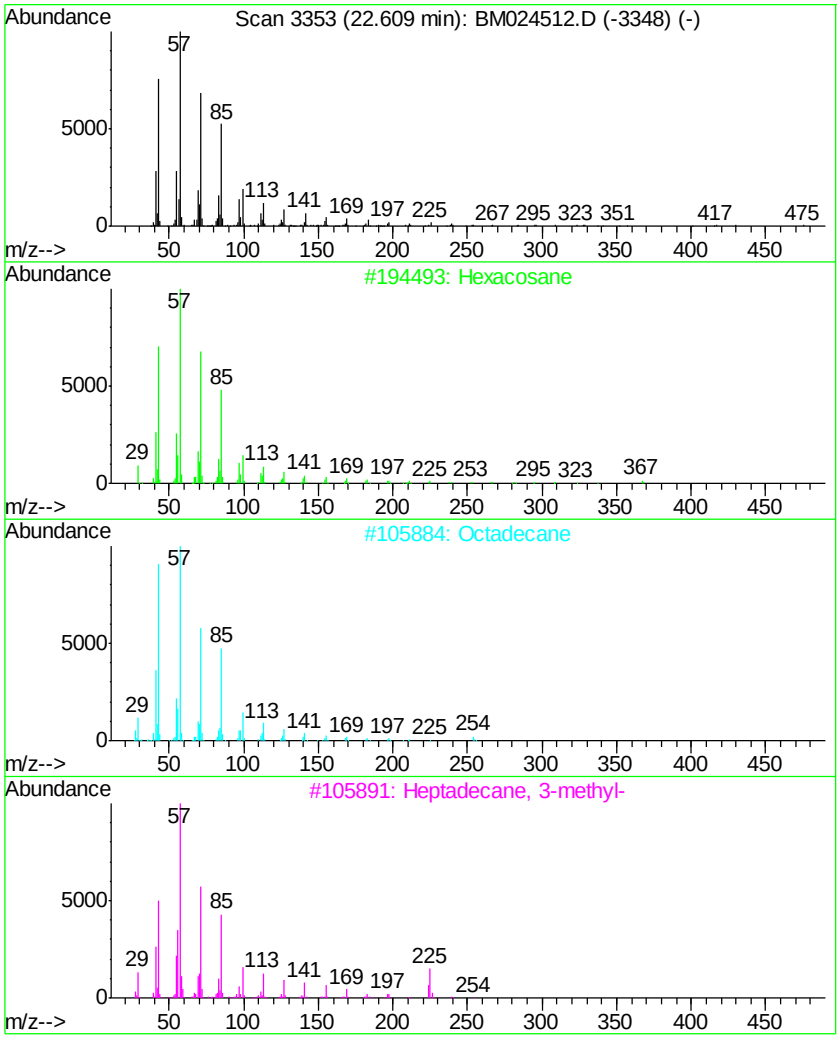
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

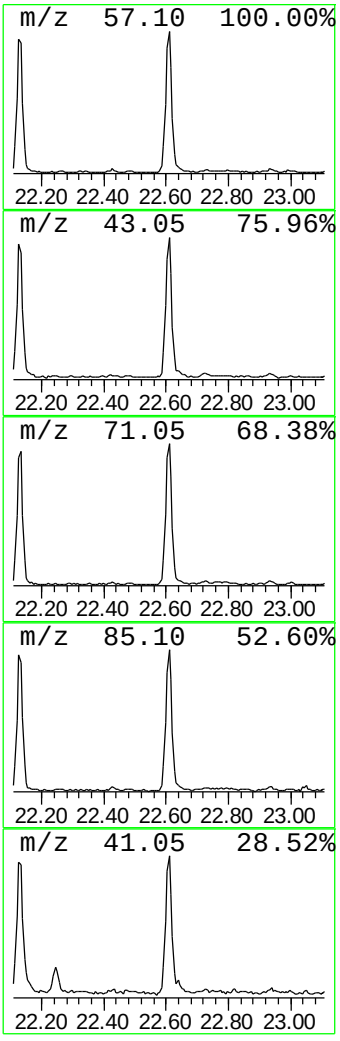
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	4.14 ng/ul	761910	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octadecane	254	C18H38	000593-45-3	93
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
4	2-methylhexacosane	380	C27H56	1000376-72-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

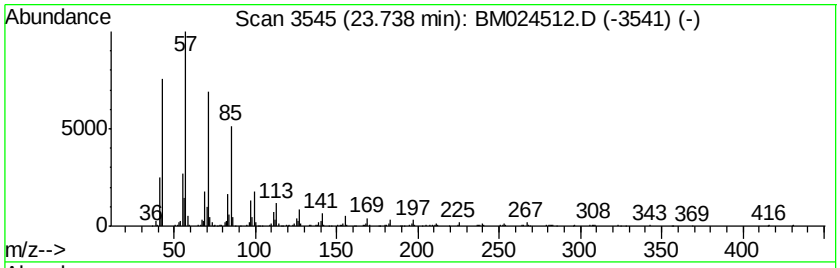
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

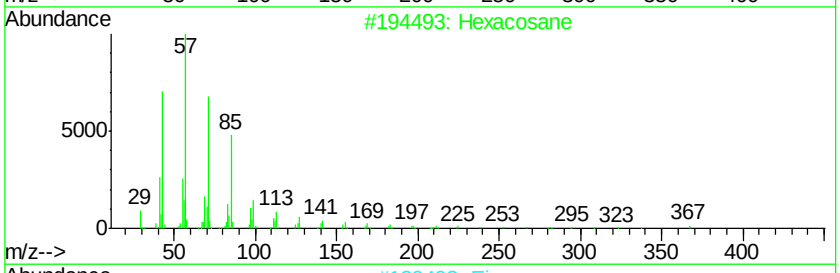
****

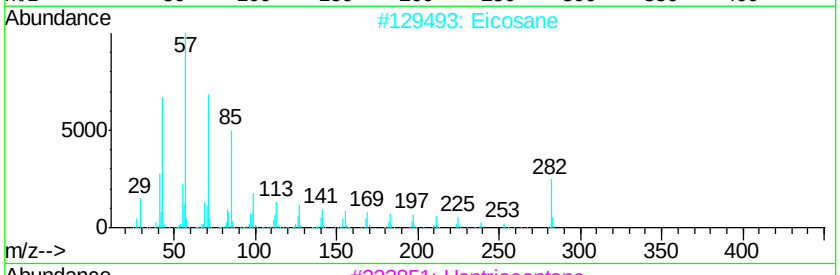
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

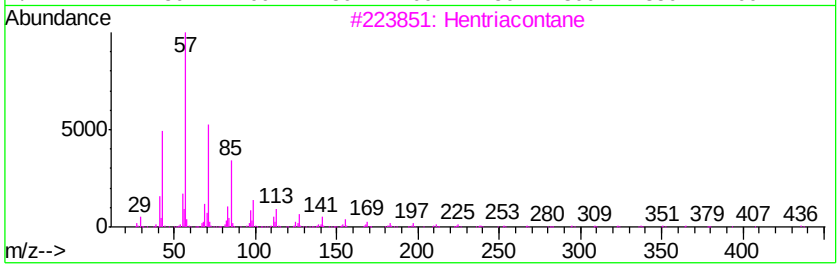
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.97 ng/ul	730047	Perylene-d12	23.17

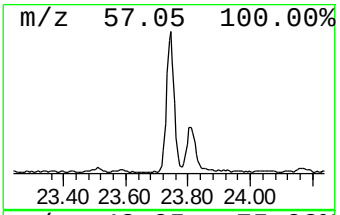
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Heneicosane	296	C21H44	000629-94-7	90

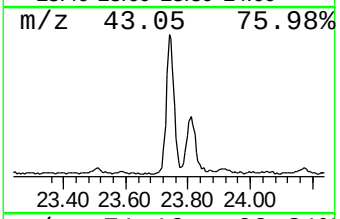


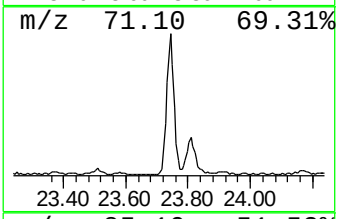


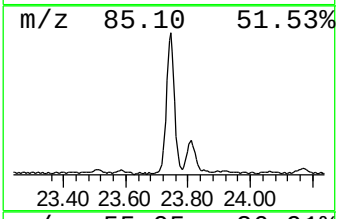


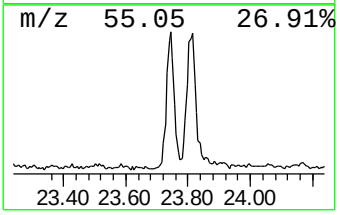












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

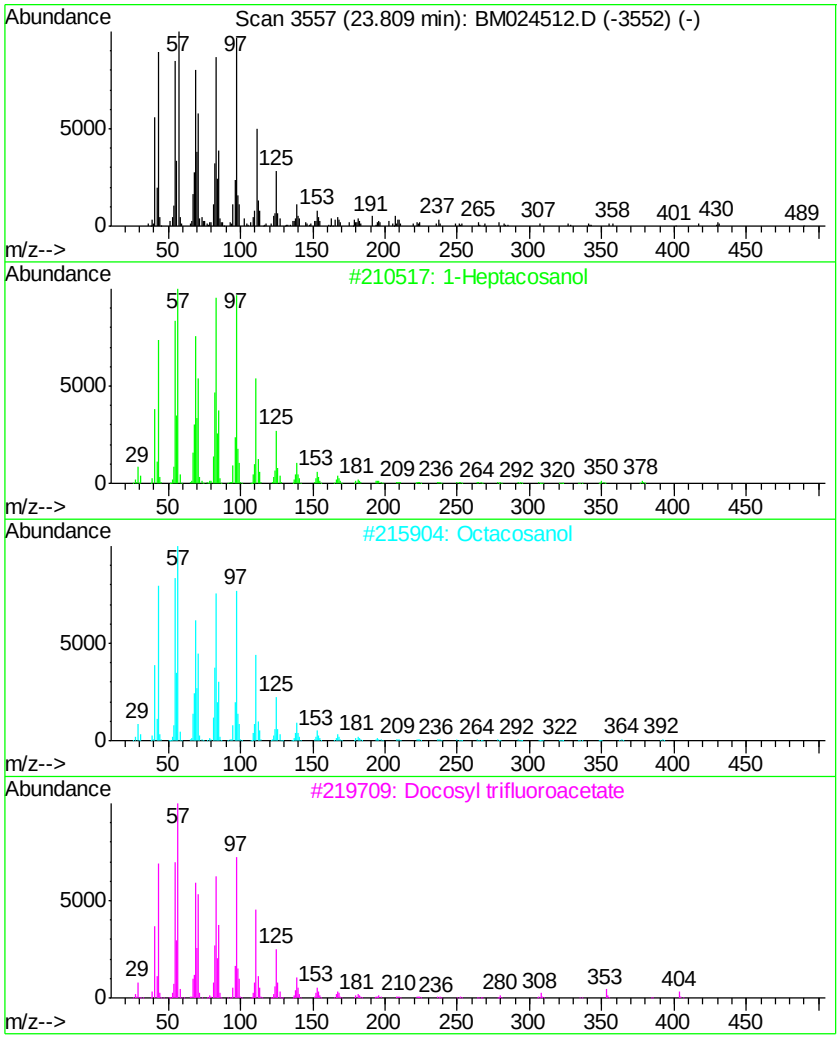
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

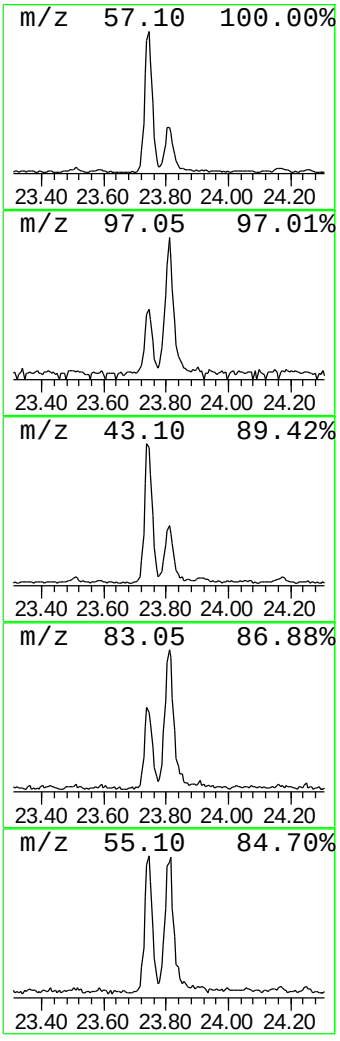
****

Peak Number 7 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.06 ng/ul	563808	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Octacosanol	410	C28H58O	000557-61-9	93
3	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

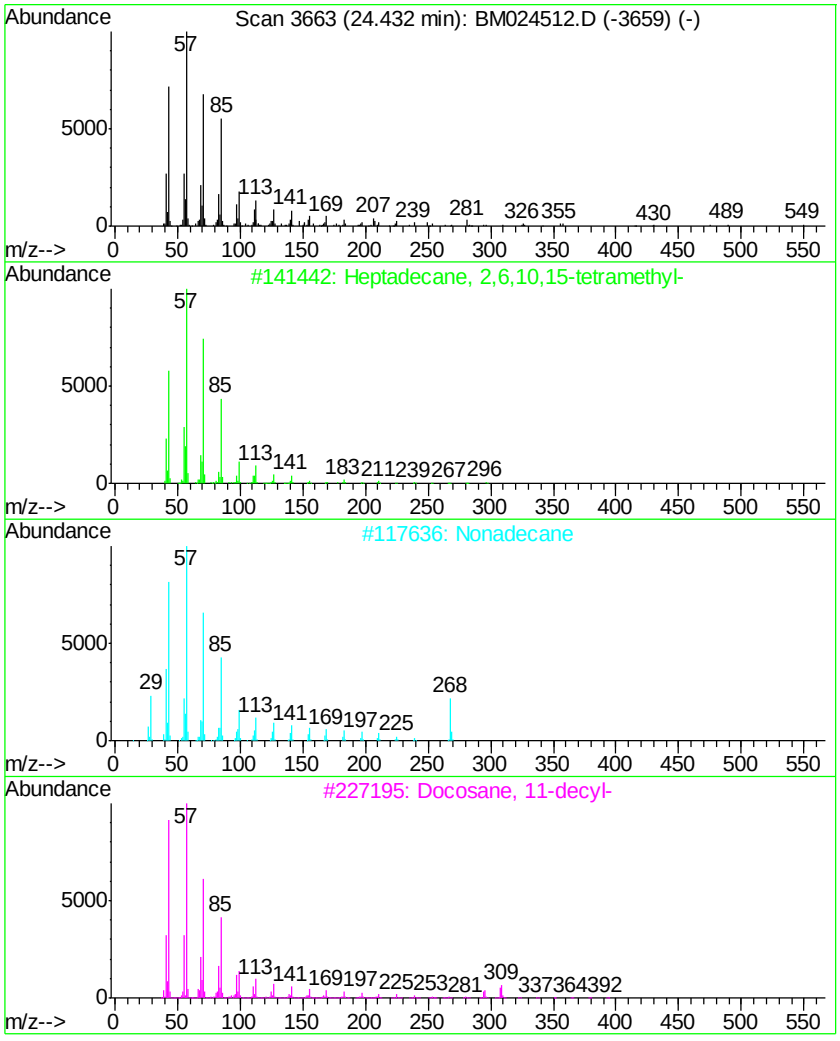
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

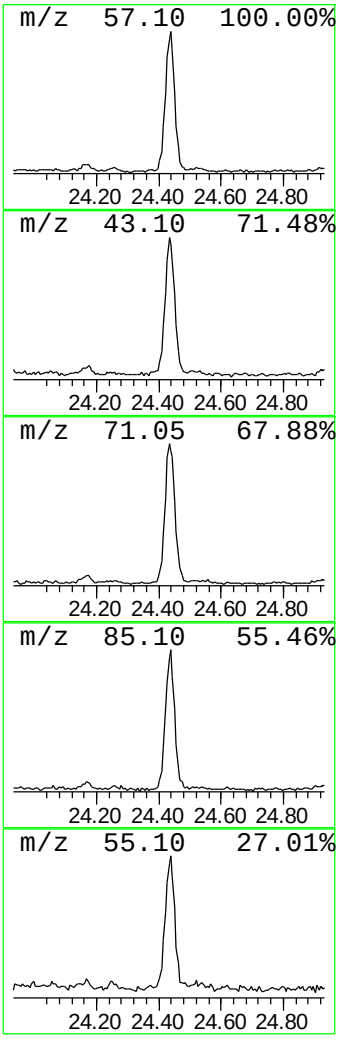
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.43	3.09 ng/ul	569340	Perylene-d12	23.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
4	Docosane	310	C22H46	000629-97-0	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
Data File : BM024512.D
Acq On : 18 Jan 2020 01:08
Operator : JU
Sample : L1109-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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
n-Hexadecanoic acid	17.80	4.8	ng/ul	855512	4	16.86	3541780	20.0
1-Heneicosanol	20.82	8.2	ng/ul	1747800	5	21.06	4257120	20.0
(DEL) Alkane: Str...	21.69	2.5	ng/ul	541332	5	21.06	4257120	20.0
(DEL) Alkane: Str...	22.13	3.9	ng/ul	713398	6	23.17	3679430	20.0
(DEL) Alkane: Str...	22.61	4.1	ng/ul	761910	6	23.17	3679430	20.0
(DEL) Alkane: Str...	23.74	4.0	ng/ul	730047	6	23.17	3679430	20.0
1-Heptacosanol	23.81	3.1	ng/ul	563808	6	23.17	3679430	20.0
(DEL) Alkane: Str...	24.43	3.1	ng/ul	569340	6	23.17	3679430	20.0