LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024101.D
Acq On : 13 Dec 2019 20:48
Operator : JU
Sample : K6167-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

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-BM112719MA.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	3.028	22	24	30	rBV	65204	77095	0.99%	0.099%
2	3.722	139	142	147	rVB3	15190	23242	0.30%	0.030%
3	4.822	325	329	333	rBV7	7443	10866	0.14%	0.014%
4	6.669	637	643	656	rVV	264190	488533	6.25%	0.626%
5	6.822	663	669	686	rBV	864416	1467682	18.78%	1.881%
6	7.010	694	701	715	rVB	991477	1673319	21.41%	2.145%
7	7.469	772	779	789	rBV	1133465	1827656	23.39%	2.343%
8	8.192	893	902	919	rBV	802442	1401341	17.93%	1.796%
9	8.622	968	975	985	rBV	1088526	1869645	23.92%	2.396%
10	8.975	1031	1035	1039	rVB6	14618	22046	0.28%	0.028%
11	9.063	1044	1050	1054	rVB	21167	32289	0.41%	0.041%
12	9.339	1090	1097	1107	rBV	914283	1570496	20.09%	2.013%
13	9.875	1180	1188	1211	rBV	1298670	2510989	32.13%	3.218%
14	10.239	1243	1250	1266	rVB	1574329	2663108	34.08%	3.413%
15	10.410	1272	1279	1290	rBV2	52782	132492	1.70%	0.170%
16	11.098	1391	1396	1402	rVB8	7394	14189	0.18%	0.018%
17	11.851	1519	1524	1534	rBV	19648	36239	0.46%	0.046%
18	12.733	1671	1674	1679	rVB6	5963	9059	0.12%	0.012%
19	13.551	1807	1813	1818	rBV	2690201	3757802	48.08%	4.816%
20	13.598	1818	1821	1828	rVB	200210	286810	3.67%	0.368%
21	13.816	1852	1858	1871	rBV	3307082	4752678	60.81%	6.092%
22	13.951	1879	1881	1887	rVB7	9868	14614	0.19%	0.019%
23	14.057	1889	1899	1904	rBV7	11374	27740	0.35%	0.036%
24	14.127	1904	1911	1920	rBV2	2463600	3616532	46.27%	4.635%
25	14.392	1949	1956	1972	rBV2	115991	340871	4.36%	0.437%
26	14.586	1986	1989	1998	rVV10	14665	27551	0.35%	0.035%
27	14.674	2002	2004	2008	rVB5	9069	11820	0.15%	0.015%
28	14.957	2049	2052	2058	rBV8	7028	15195	0.19%	0.019%
29	15.127	2075	2081	2096	rBV	4055979	5990877	76.66%	7.679%
30	15.274	2100	2106	2118	rBV	1096437	1665041	21.30%	2.134%
31	15.374	2118	2123	2128	rVB2	51043	89692	1.15%	0.115%
32	15.662	2168	2172	2177	rBV2	27984	38799	0.50%	0.050%
33	15.898	2209	2212	2214	rBV2	14242	16915	0.22%	0.022%
34	15.986	2223	2227	2231	rBV	50980	68036	0.87%	0.087%

LSC Area Percent Report

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Data File : BM024101.D
Acq On : 13 Dec 2019 20:48
Operator : JU
Sample : K6167-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

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-BM112719MA.M
Title : SVOA CALIBRATION

35	16.045	2233	2237	2244	rVV3	46349	90416	1.16%	0.116%
36	16.110	2244	2248	2252	rVV2	44495	66580	0.85%	0.085%
37	16.151	2252	2255	2258	rVV2	20863	25670	0.33%	0.033%
38	16.310	2277	2282	2288	rVB4	47344	100281	1.28%	0.129%
39	16.374	2288	2293	2297	rBV	69230	106909	1.37%	0.137%
40	16.445	2302	2305	2310	rVB	40081	55745	0.71%	0.071%
41	16.668	2340	2343	2347	rBV3	24262	27957	0.36%	0.036%
42	16.880	2373	2379	2390	rBV	2936028	4204083	53.79%	5.389%
43	16.980	2390	2396	2410	rVV	4360489	6322752	80.90%	8.104%
44	17.809	2532	2537	2547	rBV	355851	613177	7.85%	0.786%
45	18.921	2724	2726	2730	rVB	47200	51192	0.66%	0.066%
46	19.103	2753	2757	2763	rBV2	196013	296389	3.79%	0.380%
47	19.292	2783	2789	2798	rBV	5235581	7180809	91.88%	9.204%
48	20.833	3047	3051	3056	rBV2	913358	1099775	14.07%	1.410%
49	21.092	3090	3095	3103	rBV	3863356	4761045	60.92%	6.102%
50	21.692	3195	3197	3204	rVB	295617	342936	4.39%	0.440%
51	22.133	3269	3272	3279	rVB	529545	640258	8.19%	0.821%
52	22.615	3351	3354	3360	rVB	594610	783359	10.02%	1.004%
53	23.097	3430	3436	3442	rBV	4543694	7815367	100.00%	10.017%
54	23.150	3442	3445	3451	rVV	629237	898710	11.50%	1.152%
55	23.233	3453	3459	3468	rVB	2810753	5102514	65.29%	6.540%
56	23.756	3545	3548	3555	rVB	552735	882306	11.29%	1.131%

Sum of corrected areas: 78019489

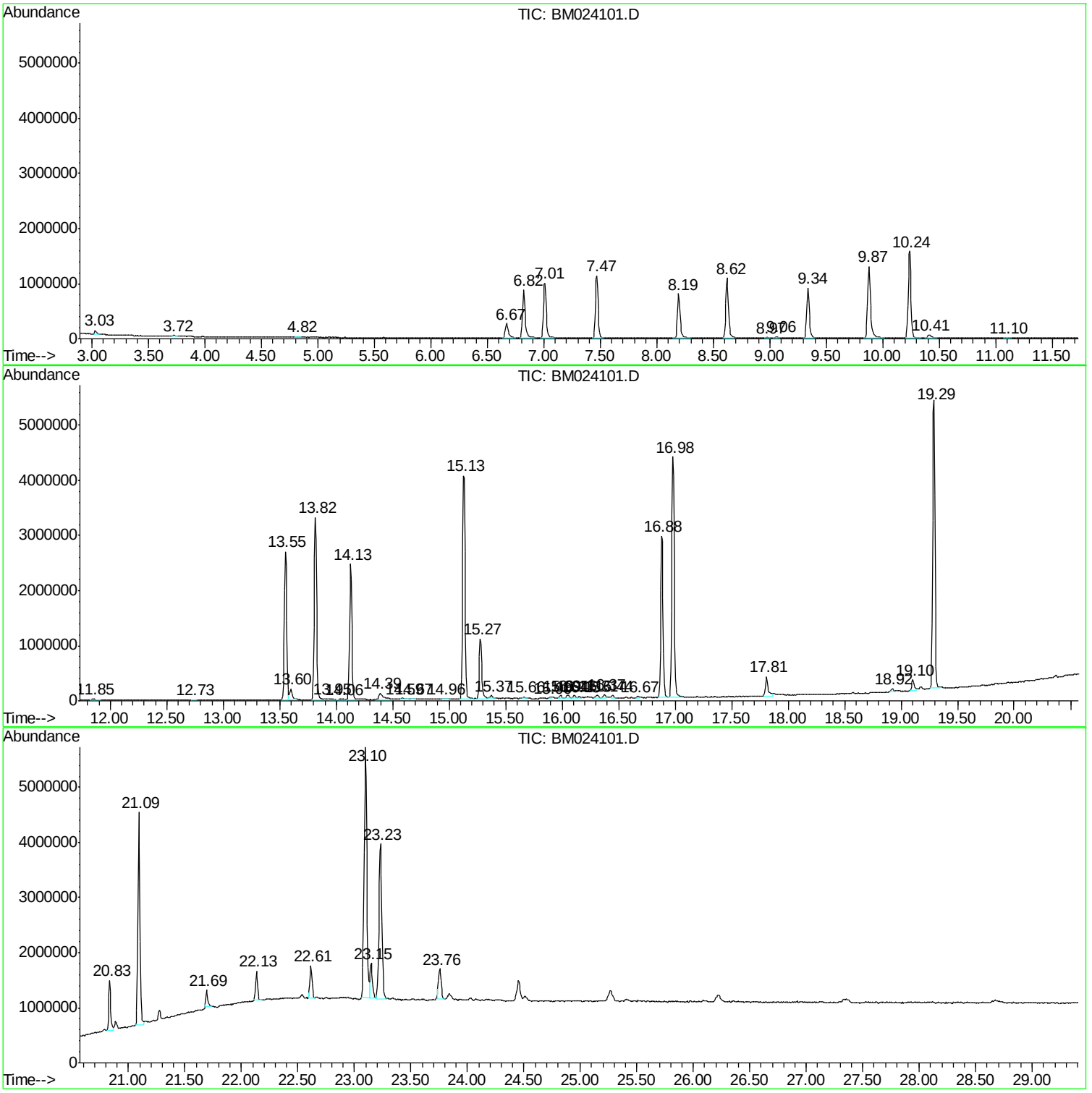
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024101.D
Acq On : 13 Dec 2019 20:48
Operator : JU
Sample : K6167-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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\BM121219\
Data File : BM024101.D
Acq On : 13 Dec 2019 20:48
Operator : JU
Sample : K6167-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

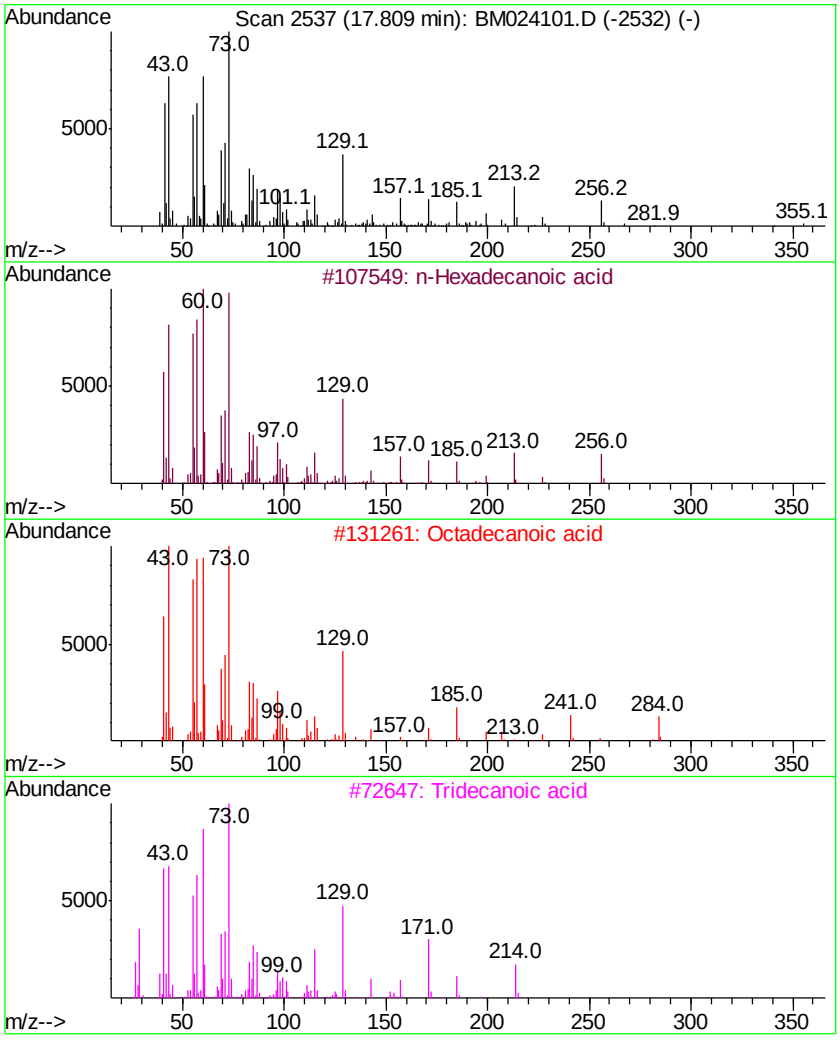
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

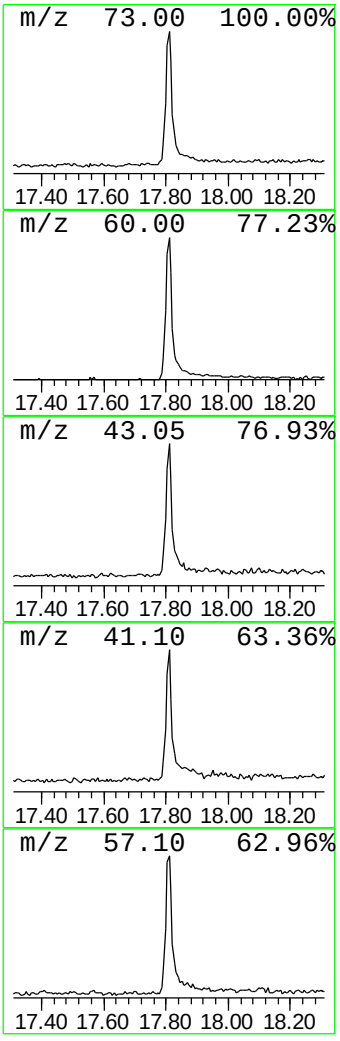
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.92 ng/ul	613177	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81





Library Search Compound Report

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Data File : BM024101.D
Acq On : 13 Dec 2019 20:48
Operator : JU
Sample : K6167-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

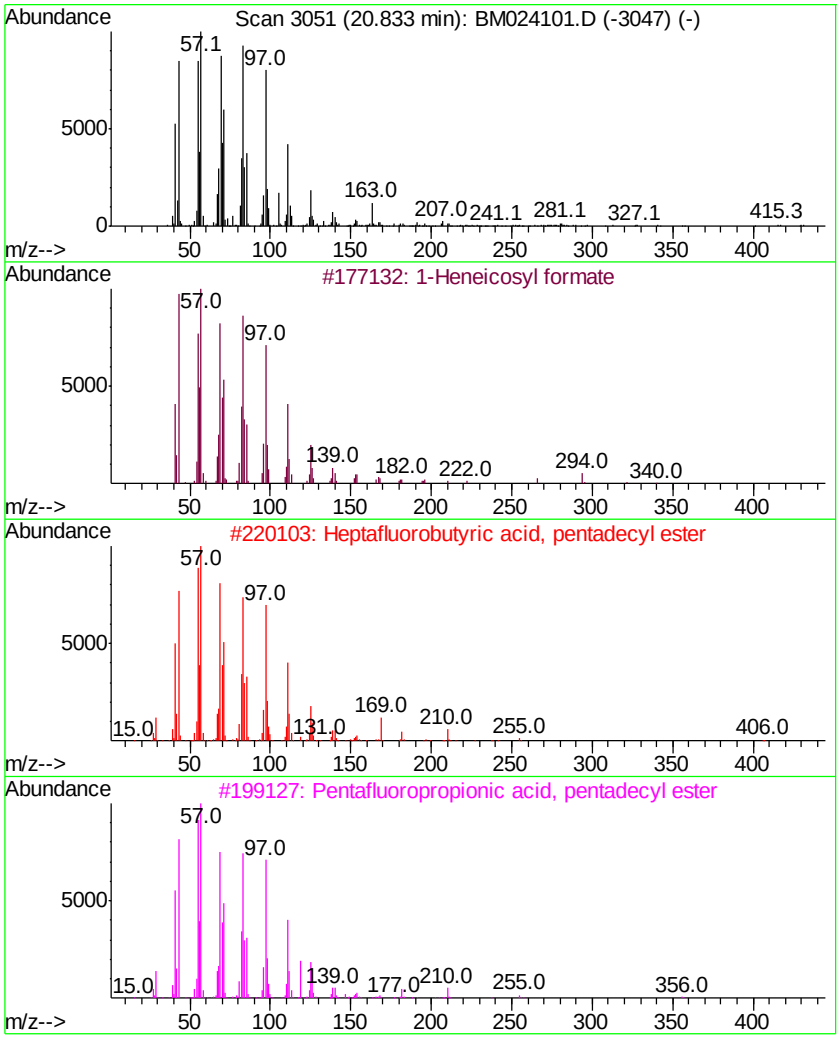
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

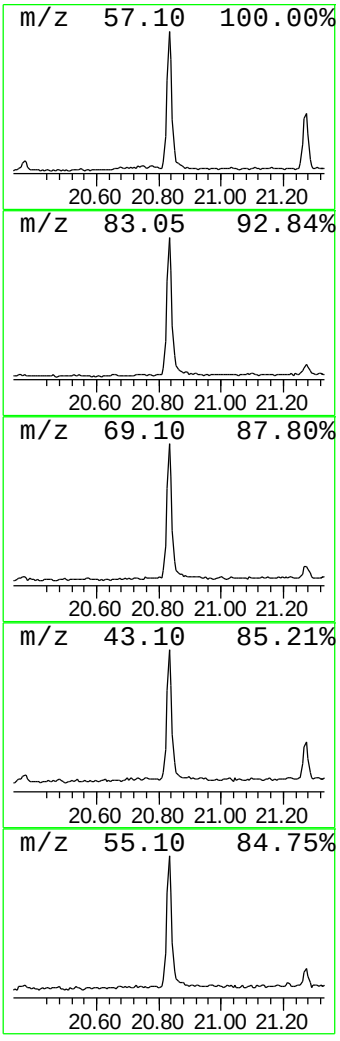
****

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.62 ng/ul	1099780	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Library Search Compound Report

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Operator : JU
Sample : K6167-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

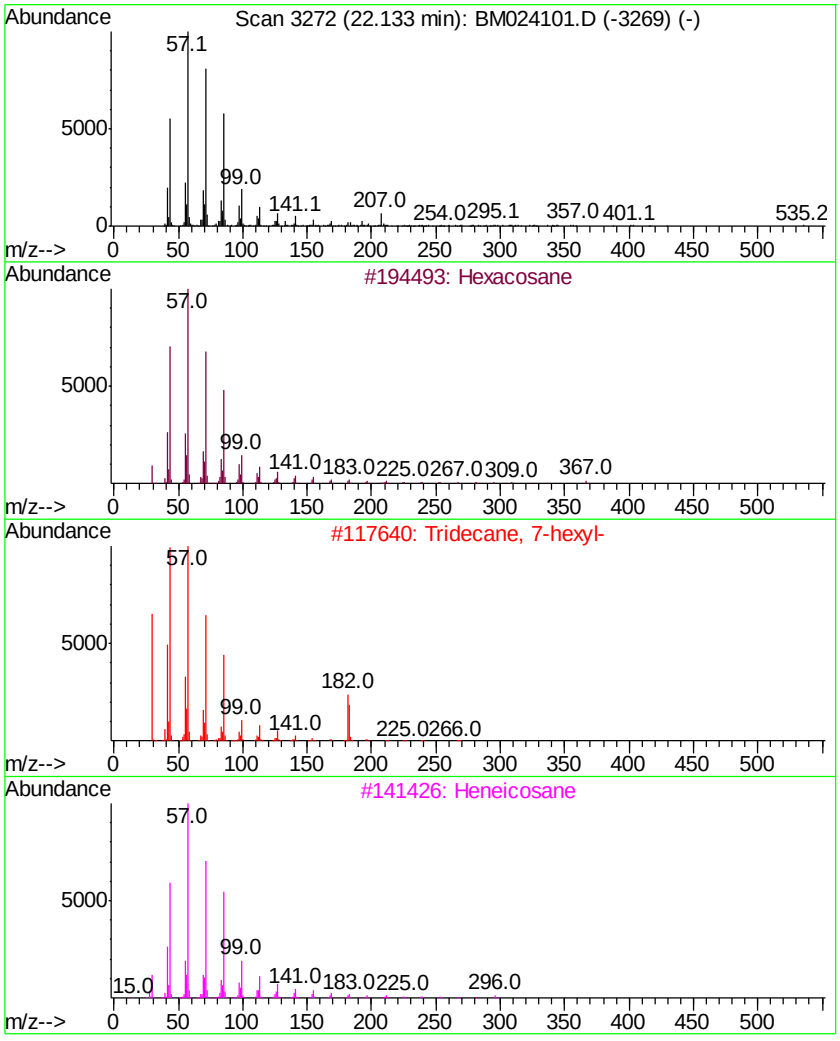
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

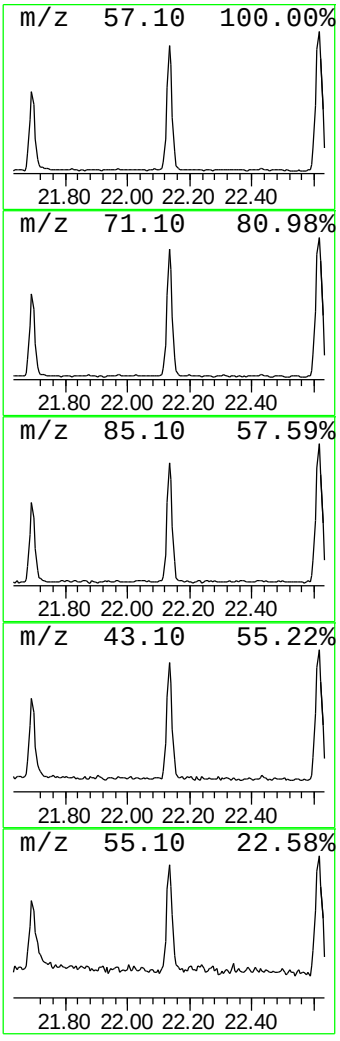
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.69 ng/ul	640258	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	10-Methylnonadecane	282	C20H42	056862-62-5	91





Library Search Compound Report

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Sample : K6167-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

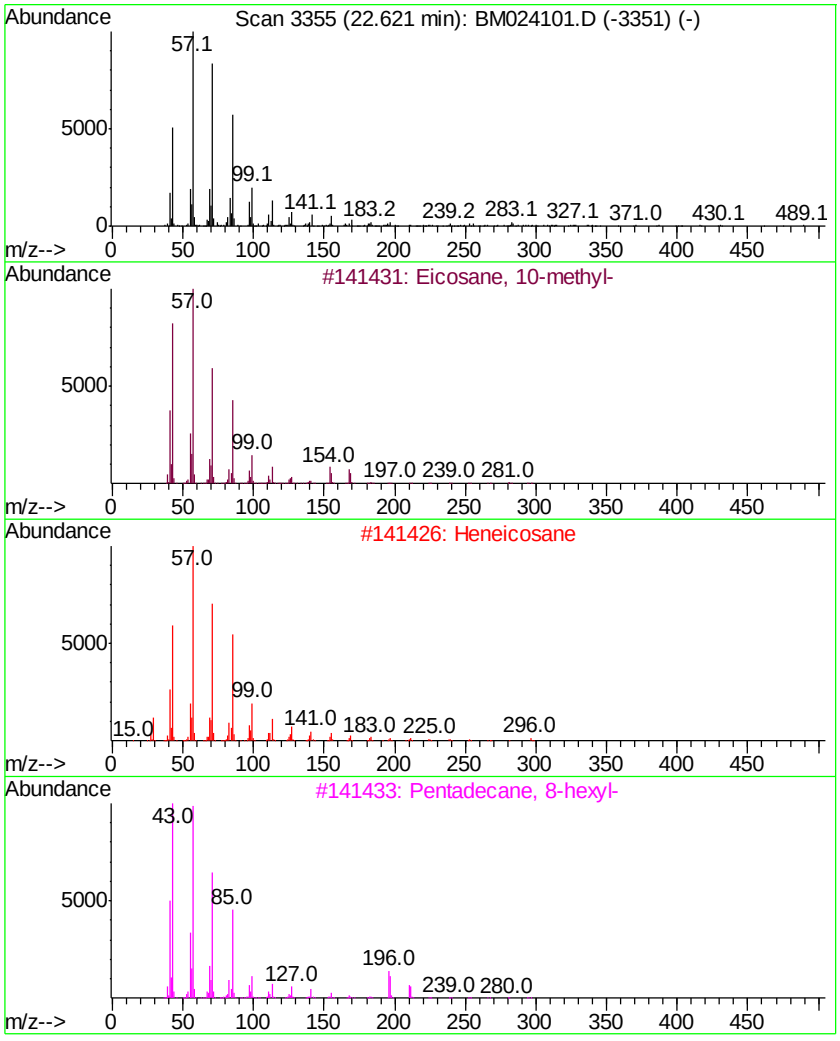
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

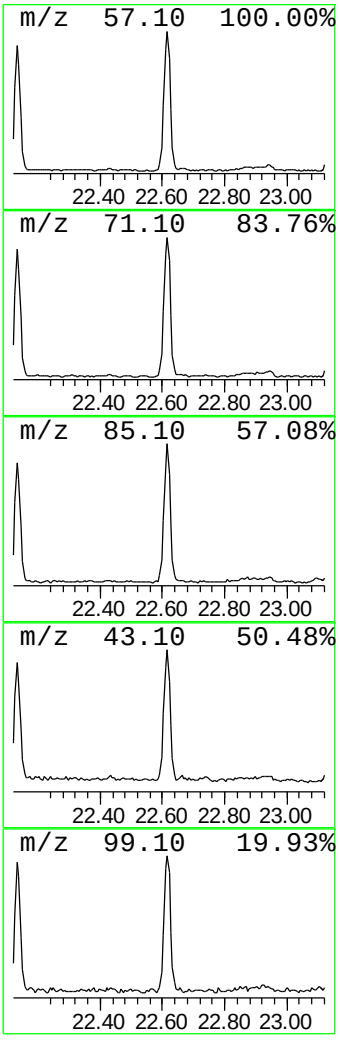
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	3.07 ng/ul	783359	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	96
2	Heneicosane	296	C21H44	000629-94-7	96
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K6167-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

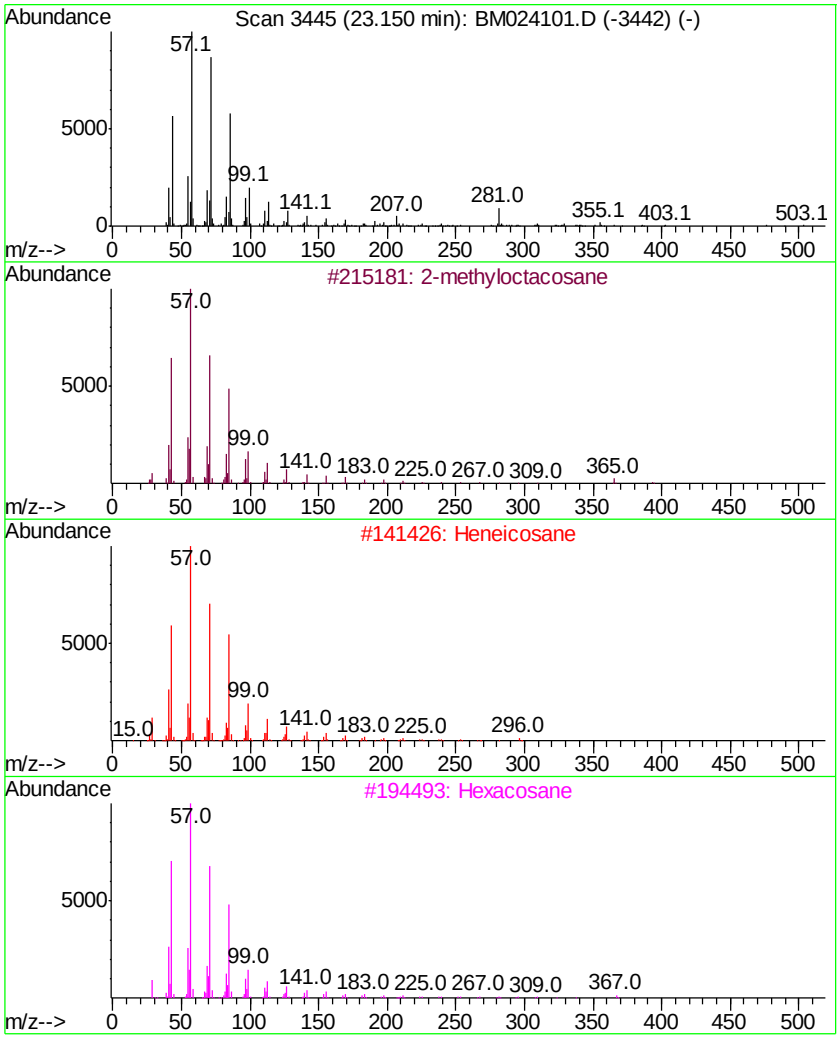
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

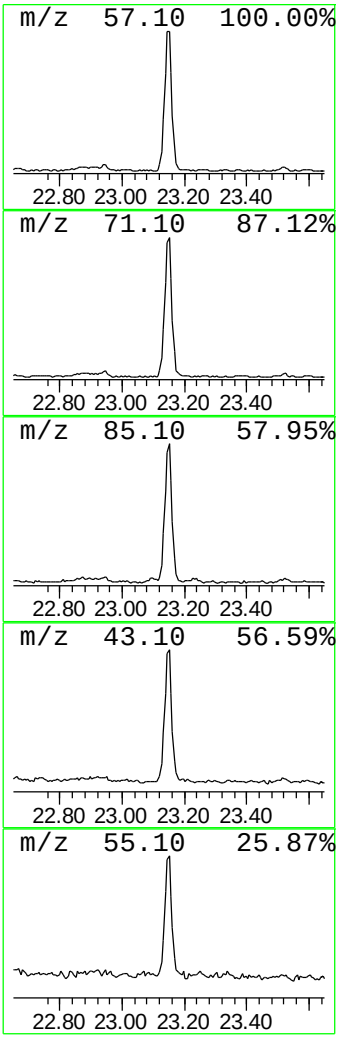
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	3.52 ng/ul	898710	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Library Search Compound Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

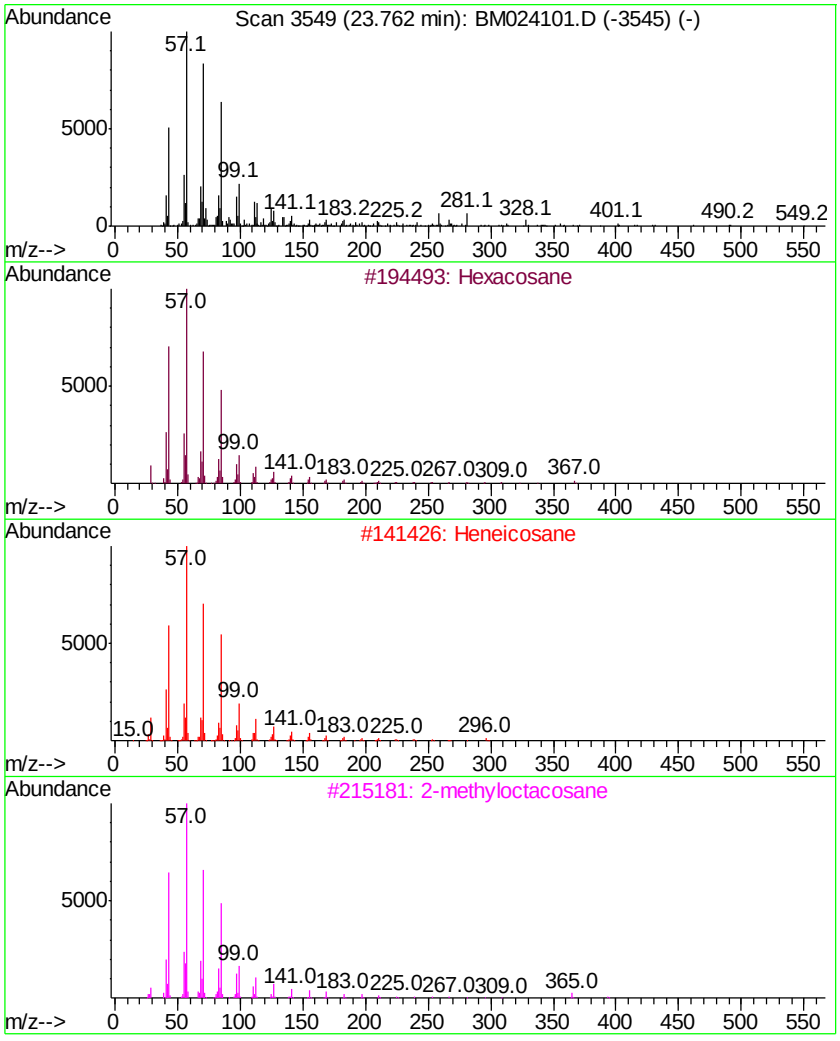
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

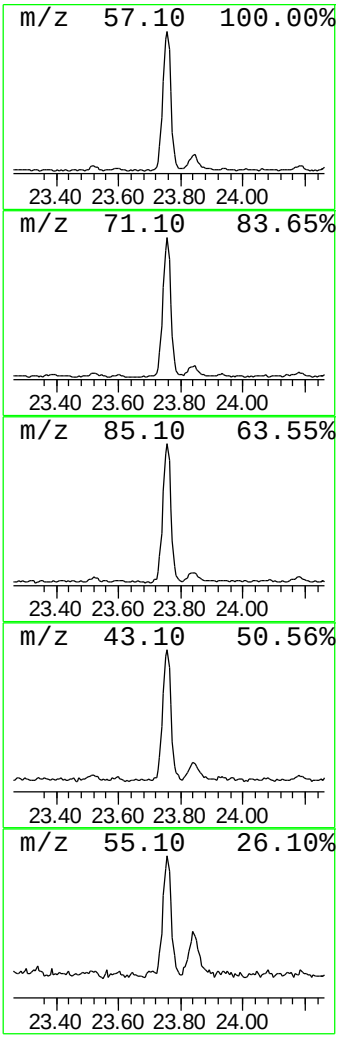
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	3.46 ng/ul	882306	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Heptadecane	240	C17H36	000629-78-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024101.D
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Instrument : BNA_M
ClientSampleId : BFQS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	17.81	2.9	ng/ul	613177	4	16.88	4204080	20.0
1-Heneicosyl formate	20.83	4.6	ng/ul	1099780	5	21.09	4761050	20.0
(DEL) Alkane: Str...	22.13	2.7	ng/ul	640258	5	21.09	4761050	20.0
(DEL) Alkane: Str...	22.62	3.1	ng/ul	783359	6	23.23	5102510	20.0
(DEL) Alkane: Str...	23.15	3.5	ng/ul	898710	6	23.23	5102510	20.0
(DEL) Alkane: Str...	23.76	3.5	ng/ul	882306	6	23.23	5102510	20.0