LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024221.D
Acq On : 23 Dec 2019 18:23
Operator : JU
Sample : K6200-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

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-BM121719MA.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	2.993	15	18	32	rVB	73153	125228	2.23%	0.208%
2	3.693	134	137	142	rVB3	11704	17005	0.30%	0.028%
3	6.639	632	638	649	rBV	149821	316682	5.63%	0.527%
4	6.786	657	663	683	rBV	663200	1126865	20.05%	1.874%
5	6.975	688	695	710	rBV	679504	1186774	21.11%	1.974%
6	7.434	766	773	783	rBV	869888	1411266	25.11%	2.347%
7	8.157	890	896	911	rBV	466666	860866	15.32%	1.432%
8	8.586	963	969	991	rBV	795529	1410576	25.10%	2.346%
9	9.016	1038	1042	1050	rVB2	21645	32630	0.58%	0.054%
10	9.304	1084	1091	1103	rBV	644550	1107682	19.71%	1.842%
11	9.845	1175	1183	1211	rBV	756589	1677493	29.85%	2.790%
12	10.198	1236	1243	1257	rBV	1241210	2100455	37.37%	3.494%
13	10.398	1270	1277	1286	rBV7	17391	54360	0.97%	0.090%
14	11.827	1515	1520	1525	rBV3	8213	15018	0.27%	0.025%
15	12.445	1618	1625	1628	rBV8	5949	12100	0.22%	0.020%
16	12.704	1663	1669	1675	rBV5	5358	12516	0.22%	0.021%
17	13.521	1801	1808	1814	rBV	2104640	3003823	53.44%	4.996%
18	13.568	1814	1816	1826	rVB	93138	133916	2.38%	0.223%
19	13.786	1846	1853	1866	rBV	2254870	3376682	60.08%	5.616%
20	14.098	1899	1906	1922	rBV	2019186	2959182	52.65%	4.922%
21	14.380	1948	1954	1962	rBV3	35624	98171	1.75%	0.163%
22	14.951	2042	2051	2055	rBV2	31890	49088	0.87%	0.082%
23	15.098	2070	2076	2093	rBV	3170841	4504105	80.14%	7.492%
24	15.251	2097	2102	2114	rVV	782165	1216934	21.65%	2.024%
25	15.345	2114	2118	2125	rVB3	36279	61648	1.10%	0.103%
26	15.545	2147	2152	2157	rBV4	15077	20822	0.37%	0.035%
27	15.851	2201	2204	2206	rVV2	5526	5653	0.10%	0.009%
28	15.892	2208	2211	2214	rVB4	7665	11675	0.21%	0.019%
29	16.204	2258	2264	2268	rBV7	4299	10908	0.19%	0.018%
30	16.539	2317	2321	2326	rVB5	4465	6472	0.12%	0.011%
31	16.645	2334	2339	2345	rBV3	15596	23298	0.41%	0.039%
32	16.851	2368	2374	2385	rBV	2475669	3457310	61.51%	5.751%
33	16.951	2385	2391	2407	rVV2	3327707	4814745	85.66%	8.008%
34	17.662	2508	2512	2513	rBV4	6490	8223	0.15%	0.014%

LSC Area Percent Report

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Data File : BM024221.D
Acq On : 23 Dec 2019 18:23
Operator : JU
Sample : K6200-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

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-BM121719MA.M
Title : SVOA CALIBRATION

35	17.780	2527	2532	2542	rBV	158795	265377	4.72%	0.441%
36	17.845	2542	2543	2548	rVB4	13482	14507	0.26%	0.024%
37	18.074	2580	2582	2584	rBV3	5666	6133	0.11%	0.010%
38	18.897	2718	2722	2726	rBV	36346	60894	1.08%	0.101%
39	19.074	2748	2752	2761	rBV5	75752	136706	2.43%	0.227%
40	19.150	2761	2765	2769	rVB2	34640	49948	0.89%	0.083%
41	19.262	2778	2784	2796	rBV	4158891	5585905	99.38%	9.291%
42	20.809	3043	3047	3054	rBV	462782	691060	12.30%	1.149%
43	21.068	3086	3091	3104	rBV	2824860	3869732	68.85%	6.437%
44	21.250	3119	3122	3126	rBV2	135665	148996	2.65%	0.248%
45	21.668	3190	3193	3199	rBV	256992	335467	5.97%	0.558%
46	22.109	3264	3268	3275	rBV	462382	551793	9.82%	0.918%
47	22.585	3345	3349	3356	rVB	582645	759999	13.52%	1.264%
48	23.062	3424	3430	3436	rBV	3225319	5620566	100.00%	9.349%
49	23.115	3436	3439	3445	rVV	721383	1096129	19.50%	1.823%
50	23.197	3447	3453	3464	rVB	2154472	3976554	70.75%	6.614%
51	23.715	3537	3541	3549	rVB	541325	933171	16.60%	1.552%
52	24.409	3655	3659	3667	rVB	413497	787992	14.02%	1.311%

Sum of corrected areas: 60121100

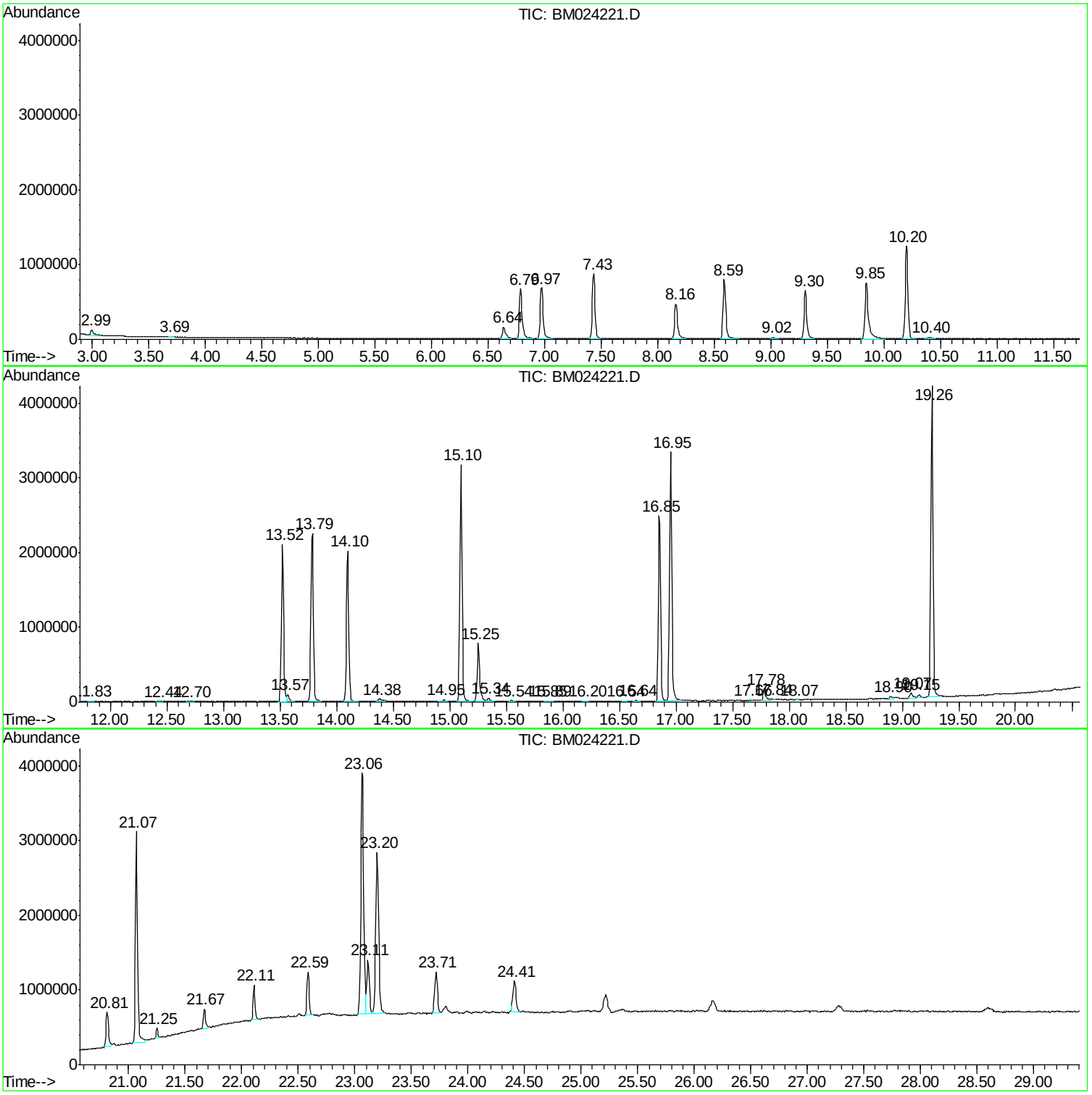
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024221.D
Acq On : 23 Dec 2019 18:23
Operator : JU
Sample : K6200-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024221.D
Acq On : 23 Dec 2019 18:23
Operator : JU
Sample : K6200-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

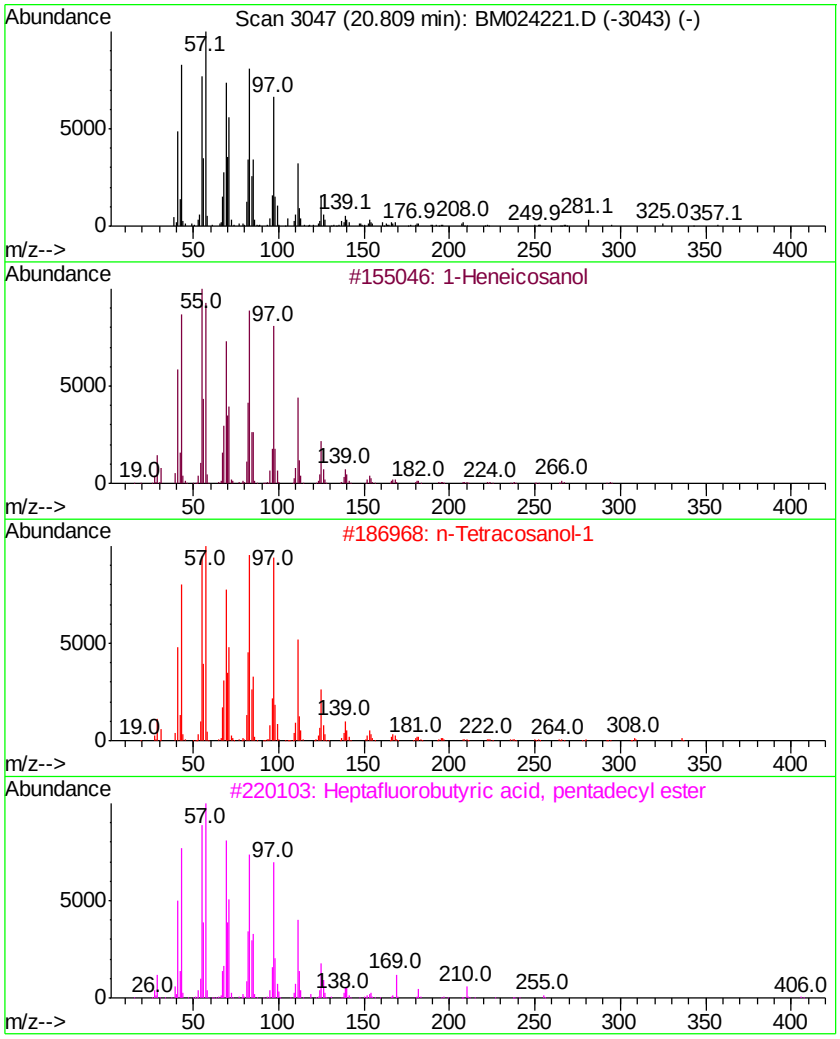
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

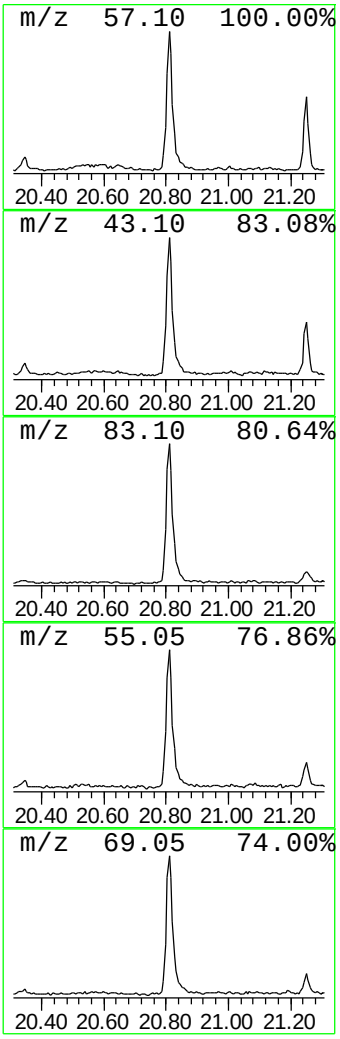
****

Peak Number 1 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	3.57 ng/ul	691060	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024221.D
Acq On : 23 Dec 2019 18:23
Operator : JU
Sample : K6200-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

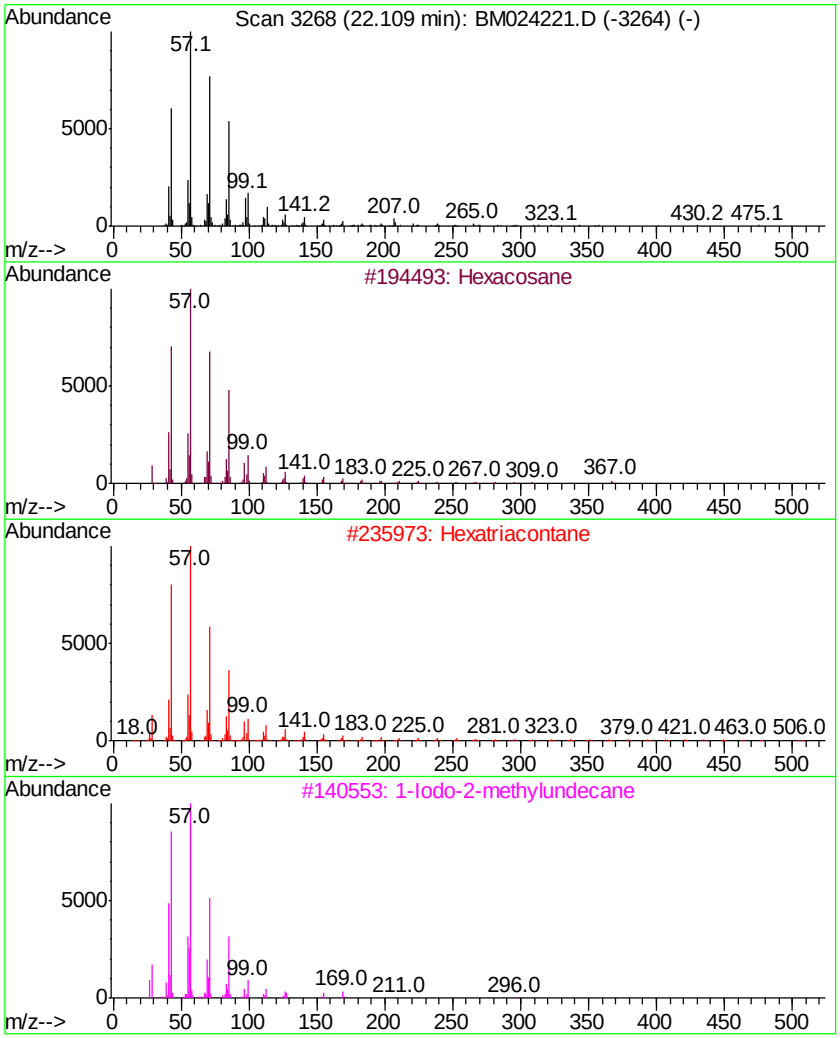
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

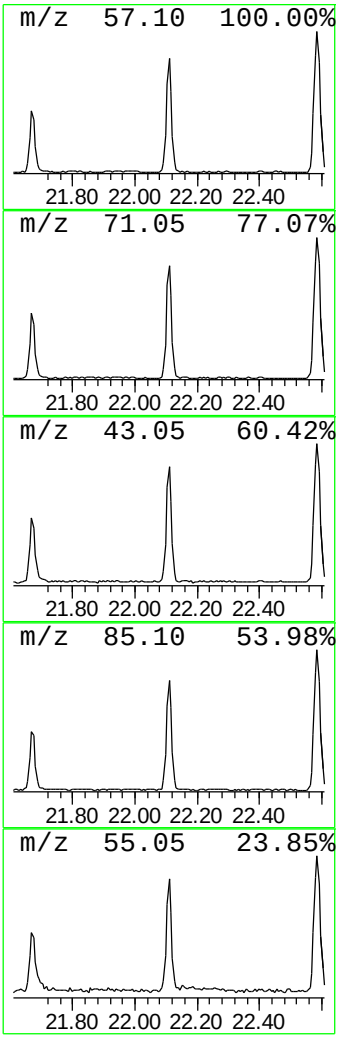
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	2.85 ng/ul	551793	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetradecane	198	C14H30	000629-59-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024221.D
Acq On : 23 Dec 2019 18:23
Operator : JU
Sample : K6200-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

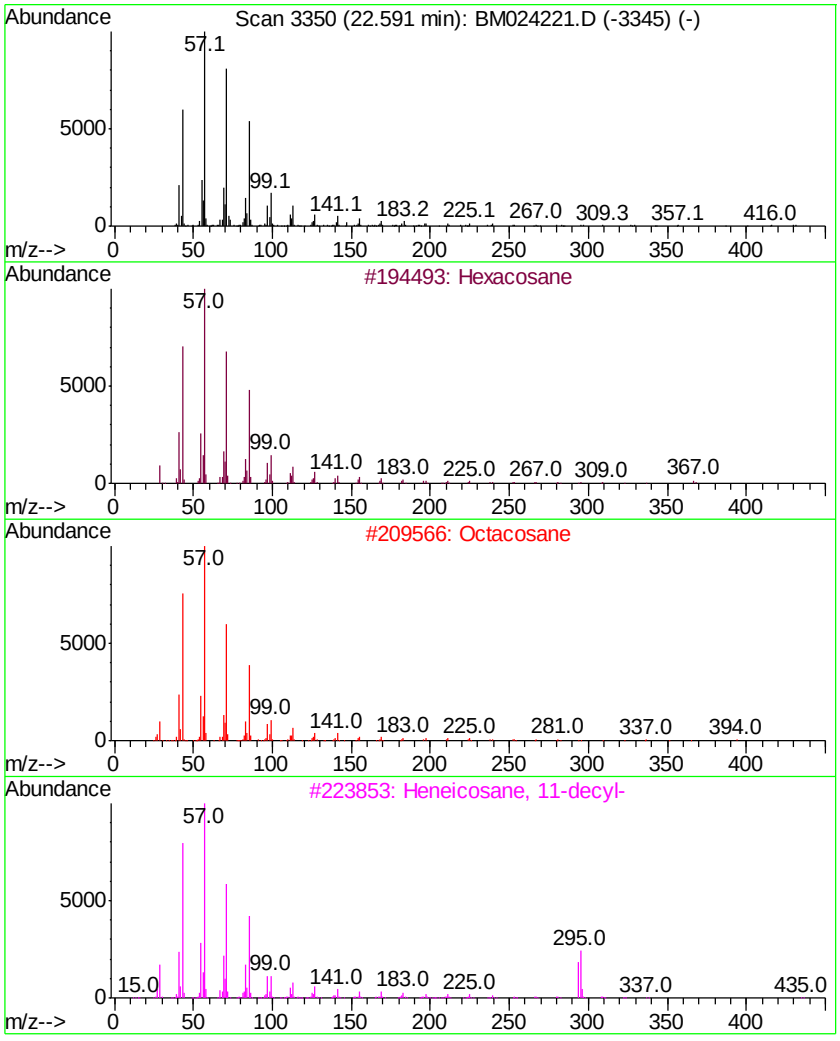
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

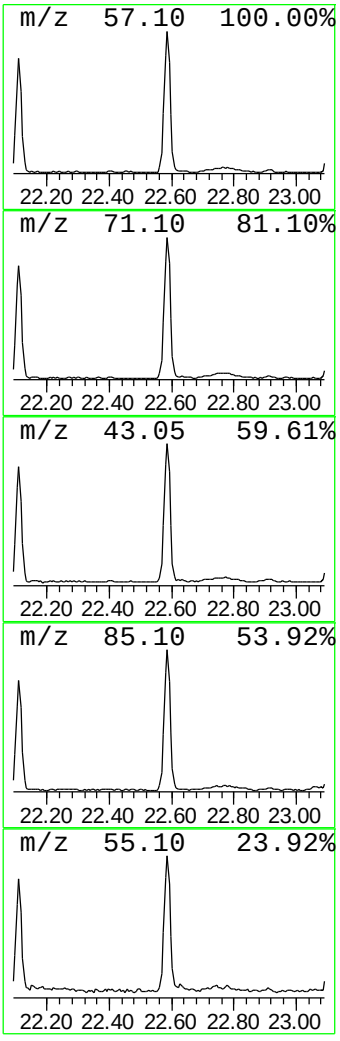
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	3.82 ng/ul	759999	Perylene-d12	23.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024221.D
Acq On : 23 Dec 2019 18:23
Operator : JU
Sample : K6200-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

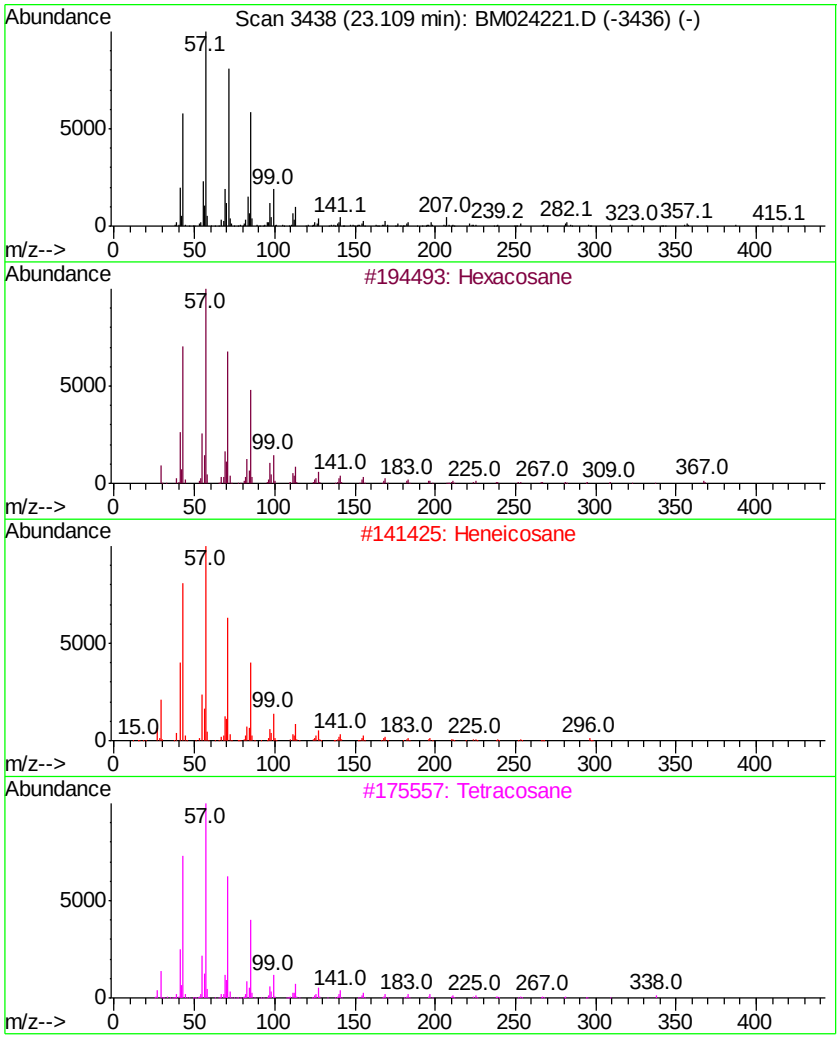
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

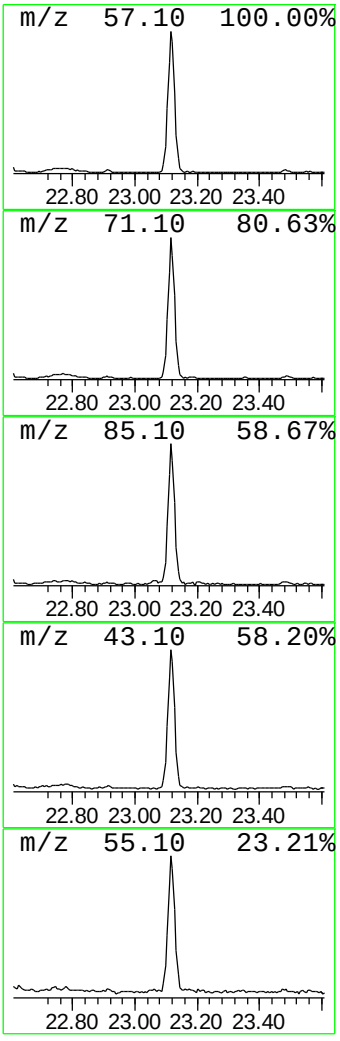
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	5.51 ng/ul	1096130	Perylene-d12	23.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	86





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

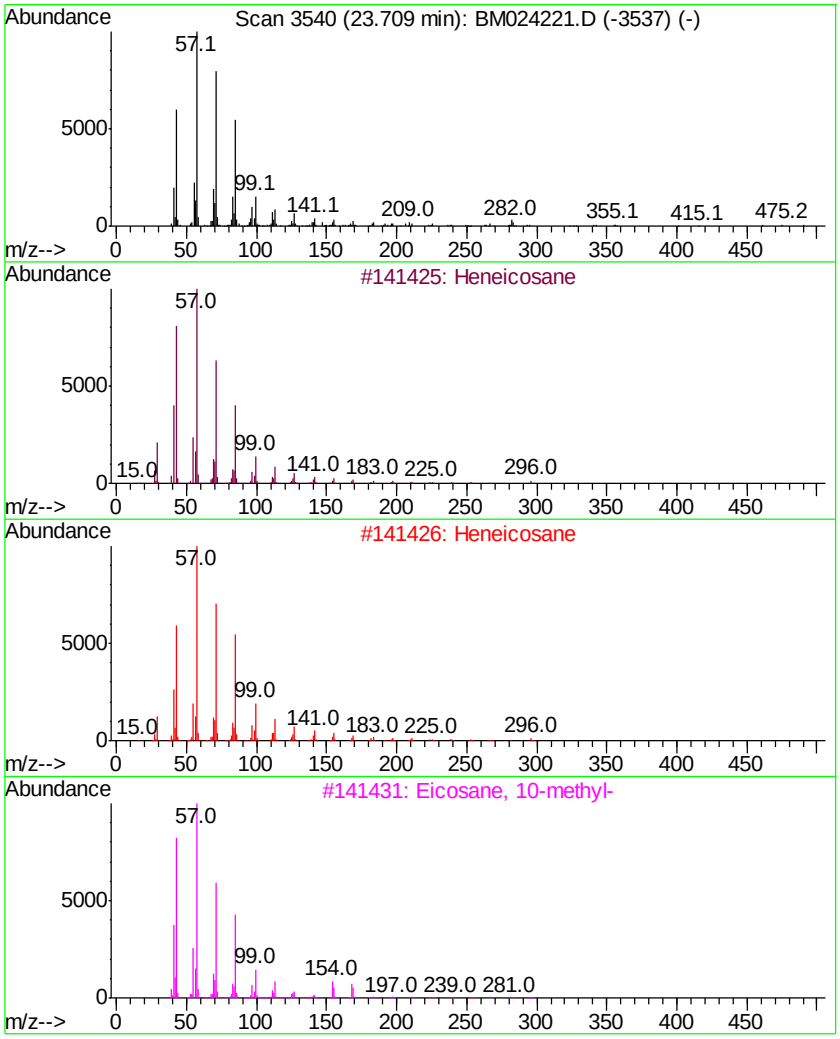
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

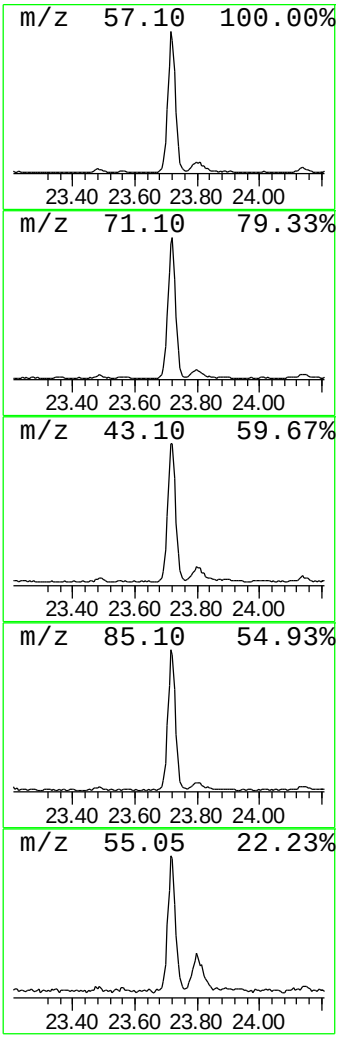
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.71	4.69 ng/ul	933171	Perylene-d12	23.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Hexacosane	366	C26H54	000630-01-3	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFF06

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Quant Title : SVOA CALIBRATION

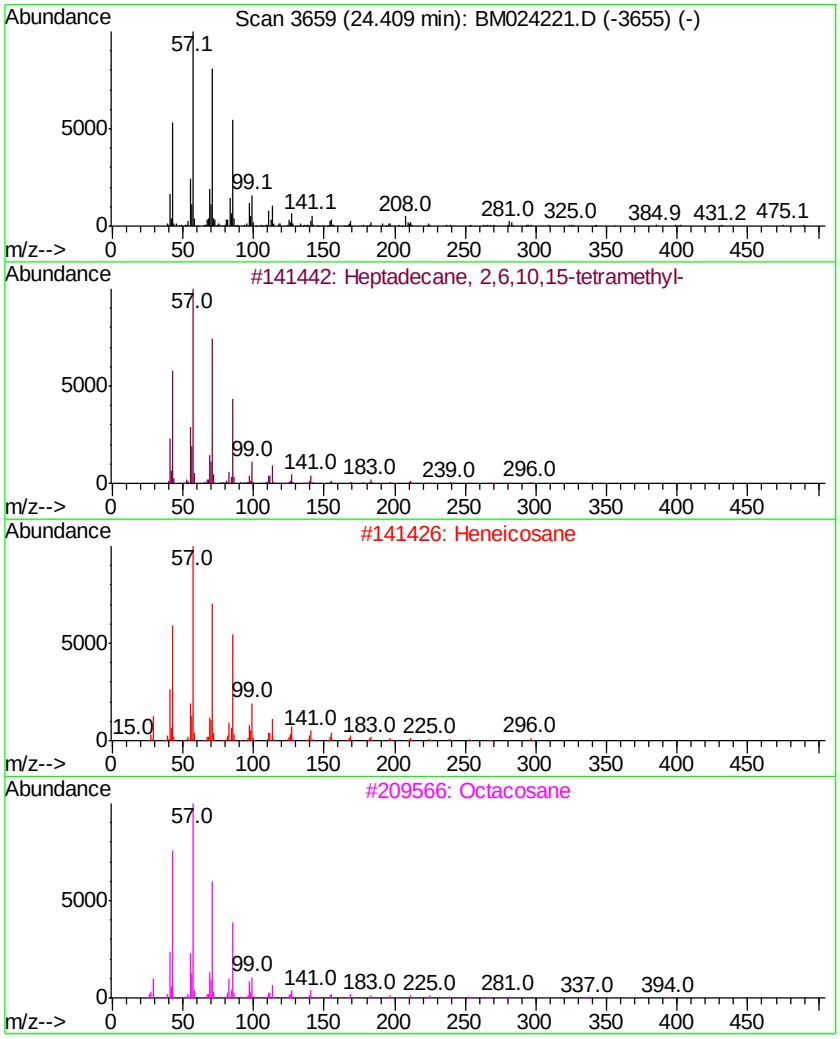
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

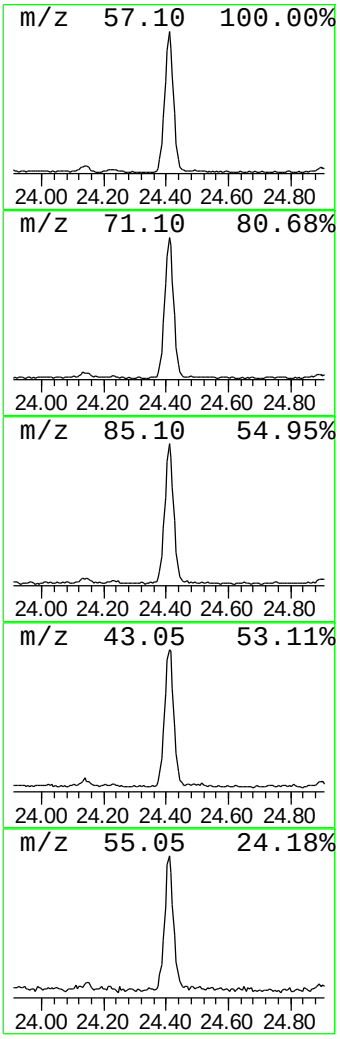
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	3.96 ng/ul	787992	Perylene-d12	23.20

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024221.D
Acq On : 23 Dec 2019 18:23
Operator : JU
Sample : K6200-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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-Heneicosanol	20.81	3.6	ng/ul	691060	5	21.07	3869730	20.0
(DEL) Alkane: Str...	22.11	2.9	ng/ul	551793	5	21.07	3869730	20.0
(DEL) Alkane: Str...	22.59	3.8	ng/ul	759999	6	23.20	3976550	20.0
(DEL) Alkane: Str...	23.11	5.5	ng/ul	1096130	6	23.20	3976550	20.0
(DEL) Alkane: Str...	23.71	4.7	ng/ul	933171	6	23.20	3976550	20.0
(DEL) Alkane: Str...	24.41	4.0	ng/ul	787992	6	23.20	3976550	20.0