LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP2

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	3.034	22	25	32	rVB	46691	72233	1.14%	0.089%
2	3.646	124	129	135	rVB2	51334	83786	1.32%	0.104%
3	3.728	140	143	147	rVB4	21061	27720	0.44%	0.034%
4	4.634	293	297	303	rBV	54174	82711	1.30%	0.102%
5	6.663	636	642	655	rBV	899439	1558557	24.57%	1.925%
6	6.822	663	669	685	rBV	743306	1241233	19.57%	1.533%
7	7.010	694	701	713	rBV	977776	1603101	25.27%	1.980%
8	7.110	715	718	721	rVB5	6428	8244	0.13%	0.010%
9	7.469	773	779	790	rBV	1576401	2547238	40.16%	3.147%
10	7.563	793	795	800	rVB6	7060	10623	0.17%	0.013%
11	8.192	894	902	917	rBV	1085971	1872571	29.52%	2.313%
12	8.310	919	922	929	rVB	27455	45799	0.72%	0.057%
13	8.628	969	976	991	rBV	880924	1557758	24.56%	1.924%
14	8.804	1003	1006	1011	rVB5	6612	9887	0.16%	0.012%
15	9.063	1044	1050	1056	rBV	26437	44938	0.71%	0.056%
16	9.339	1091	1097	1114	rBV	713701	1237952	19.52%	1.529%
17	9.880	1181	1189	1210	rBV	1080296	2005967	31.63%	2.478%
18	10.239	1243	1250	1261	rBV	2293542	3812302	60.11%	4.709%
19	10.392	1269	1276	1296	rBV	894126	1819944	28.69%	2.248%
20	11.857	1519	1525	1534	rBV4	14974	35210	0.56%	0.043%
21	12.457	1622	1627	1634	rBV3	22368	45805	0.72%	0.057%
22	12.527	1634	1639	1650	rVV	59858	132962	2.10%	0.164%
23	12.980	1711	1716	1723	rBV8	16170	37482	0.59%	0.046%
24	13.068	1725	1731	1739	rVV6	21333	51519	0.81%	0.064%
25	13.145	1739	1744	1750	rVV2	33298	71555	1.13%	0.088%
26	13.210	1750	1755	1765	rVB3	37297	78920	1.24%	0.097%
27	13.468	1796	1799	1804	rVB6	9196	11420	0.18%	0.014%
28	13.557	1807	1814	1818	rBV	2380656	3312601	52.23%	4.092%
29	13.604	1818	1822	1829	rVB	383318	555430	8.76%	0.686%
30	13.821	1851	1859	1875	rBV	2679336	3883956	61.23%	4.798%
31	14.063	1895	1900	1905	rVB7	5094	9055	0.14%	0.011%
32	14.133	1905	1912	1927	rBV	3690743	5454717	86.00%	6.738%
33	14.368	1947	1952	1974	rBV	456609	1032043	16.27%	1.275%
34	14.580	1983	1988	1997	rVB3	76714	127515	2.01%	0.158%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP2

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	14.962	2048	2053	2055	rBV4	8617	13759	0.22%	0.017%
36	15.021	2059	2063	2069	rVB5	9523	15352	0.24%	0.019%
37	15.133	2075	2082	2101	rBV	3576066	5072374	79.97%	6.266%
38	15.280	2101	2107	2119	rBV	798062	1228477	19.37%	1.518%
39	15.374	2119	2123	2128	rVB2	37942	55358	0.87%	0.068%
40	15.521	2146	2148	2153	rVB5	6057	6963	0.11%	0.009%
41	15.580	2153	2158	2163	rVB6	13615	20986	0.33%	0.026%
42	15.633	2163	2167	2170	rBV5	3780	7151	0.11%	0.009%
43	15.827	2196	2200	2201	rBV4	5785	7683	0.12%	0.009%
44	15.880	2206	2209	2213	rBV6	8287	12366	0.19%	0.015%
45	15.921	2213	2216	2221	rVB5	13724	18872	0.30%	0.023%
46	16.451	2301	2306	2308	rBV6	5547	8820	0.14%	0.011%
47	16.568	2322	2326	2331	rBV6	6999	10498	0.17%	0.013%
48	16.674	2340	2344	2348	rBV	26533	38897	0.61%	0.048%
49	16.886	2374	2380	2391	rBV	4650296	6247951	98.51%	7.718%
50	16.986	2391	2397	2412	rVV	3969667	5585372	88.06%	6.900%
51	17.104	2415	2417	2422	rVB6	10634	16492	0.26%	0.020%
52	17.304	2449	2451	2457	rVB7	5434	8128	0.13%	0.010%
53	17.415	2467	2470	2473	rBV4	7274	8958	0.14%	0.011%
54	17.486	2479	2482	2483	rBV3	5681	6492	0.10%	0.008%
55	17.592	2498	2500	2503	rVB4	11801	9786	0.15%	0.012%
56	17.692	2511	2517	2518	rBV5	5565	9138	0.14%	0.011%
57	17.809	2532	2537	2546	rBV	282514	433916	6.84%	0.536%
58	18.109	2584	2588	2595	rVB9	7159	12094	0.19%	0.015%
59	18.750	2694	2697	2700	rVB3	11130	12245	0.19%	0.015%
60	18.927	2723	2727	2730	rBV2	36150	50924	0.80%	0.063%
61	18.956	2730	2732	2735	rVV	27271	30129	0.48%	0.037%
62	19.103	2753	2757	2762	rBV4	84666	126023	1.99%	0.156%
63	19.174	2766	2769	2777	rVV3	38714	61755	0.97%	0.076%
64	19.292	2783	2789	2802	rBV	4685335	6342730	100.00%	7.835%
65	19.874	2886	2888	2891	rVB4	27312	27724	0.44%	0.034%
66	20.839	3047	3052	3064	rBV	901788	1576898	24.86%	1.948%
67	21.097	3090	3096	3107	rBV	4062249	5572072	87.85%	6.883%
68	21.274	3123	3126	3131	rBV	166774	209758	3.31%	0.259%
69	21.697	3194	3198	3207	rBV	328682	542885	8.56%	0.671%
70	22.138	3269	3273	3278	rVB	427571	548372	8.65%	0.677%
71	22.615	3350	3354	3360	rBV	617070	829499	13.08%	1.025%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP2

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

72	23.097	3430	3436	3441	rBV	2833341	4805284	75.76%	5.936%
73	23.150	3442	3445	3452	rVB	609761	878902	13.86%	1.086%
74	23.233	3453	3459	3469	rVB	2782331	4940944	77.90%	6.104%
75	23.756	3544	3548	3554	rVB	639876	1055020	16.63%	1.303%

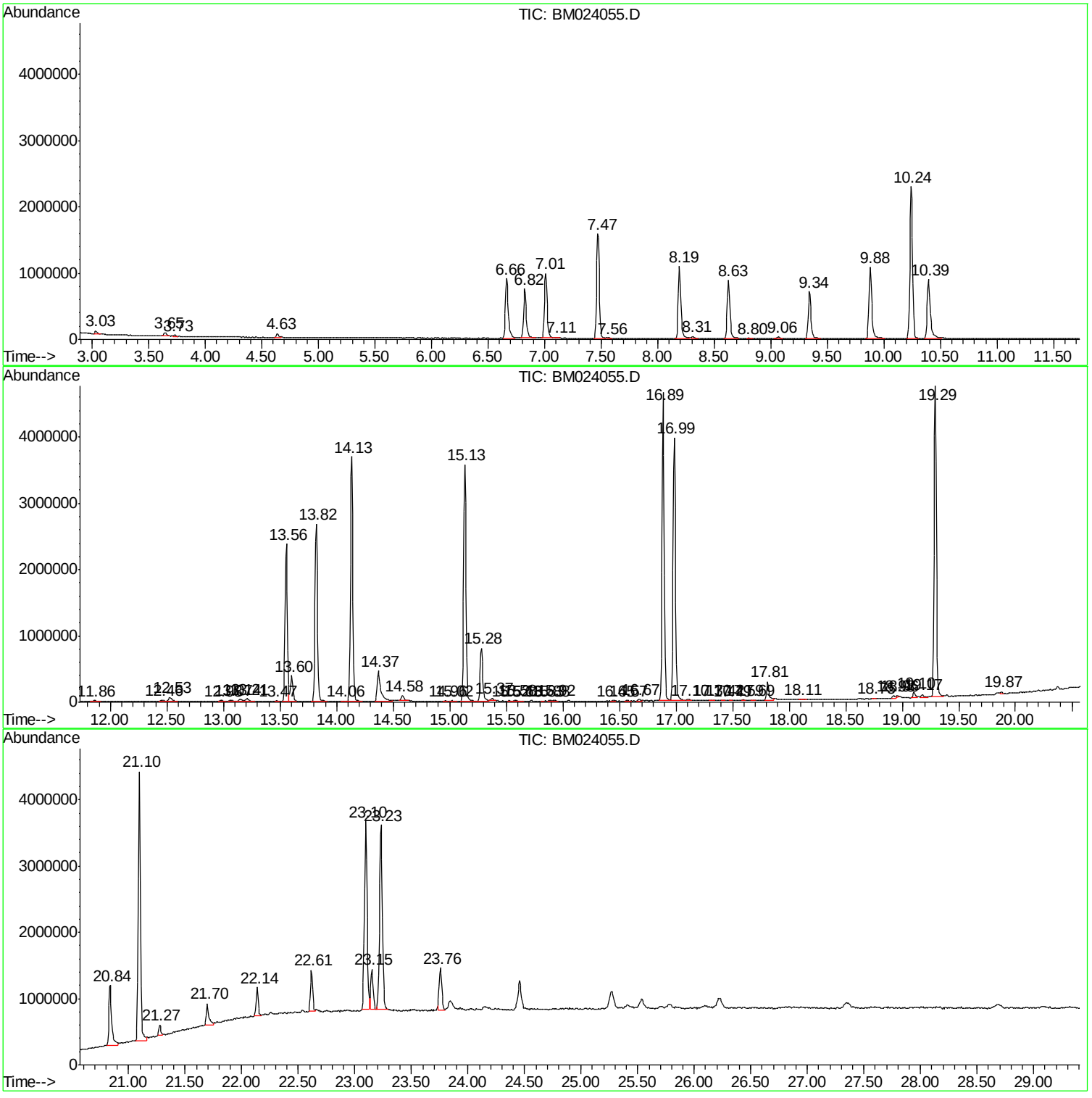
Sum of corrected areas: 80949801

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BP2

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 : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP2

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

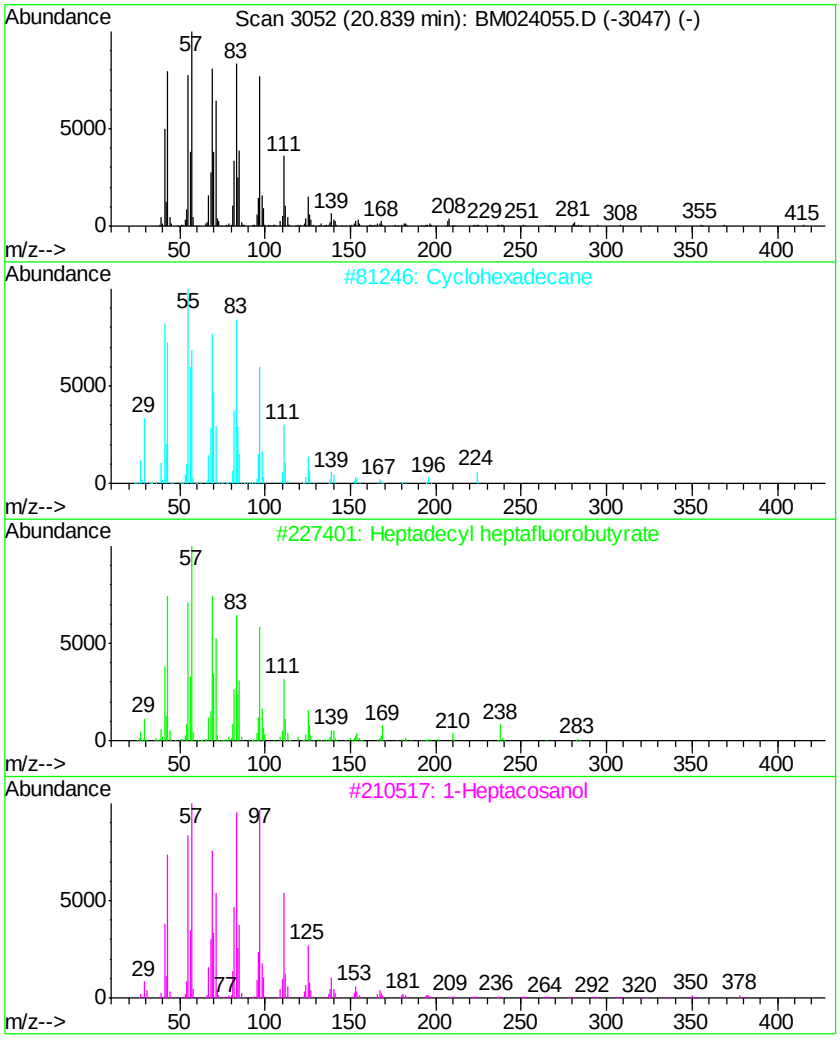
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

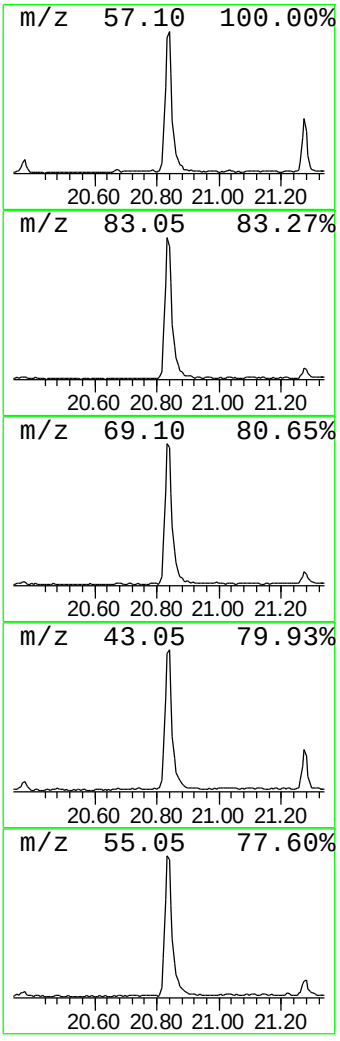
****

Peak Number 1 (DEL) Alkane: Cyclic20.84 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	5.66 ng/ul	1576900	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	90
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP2

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

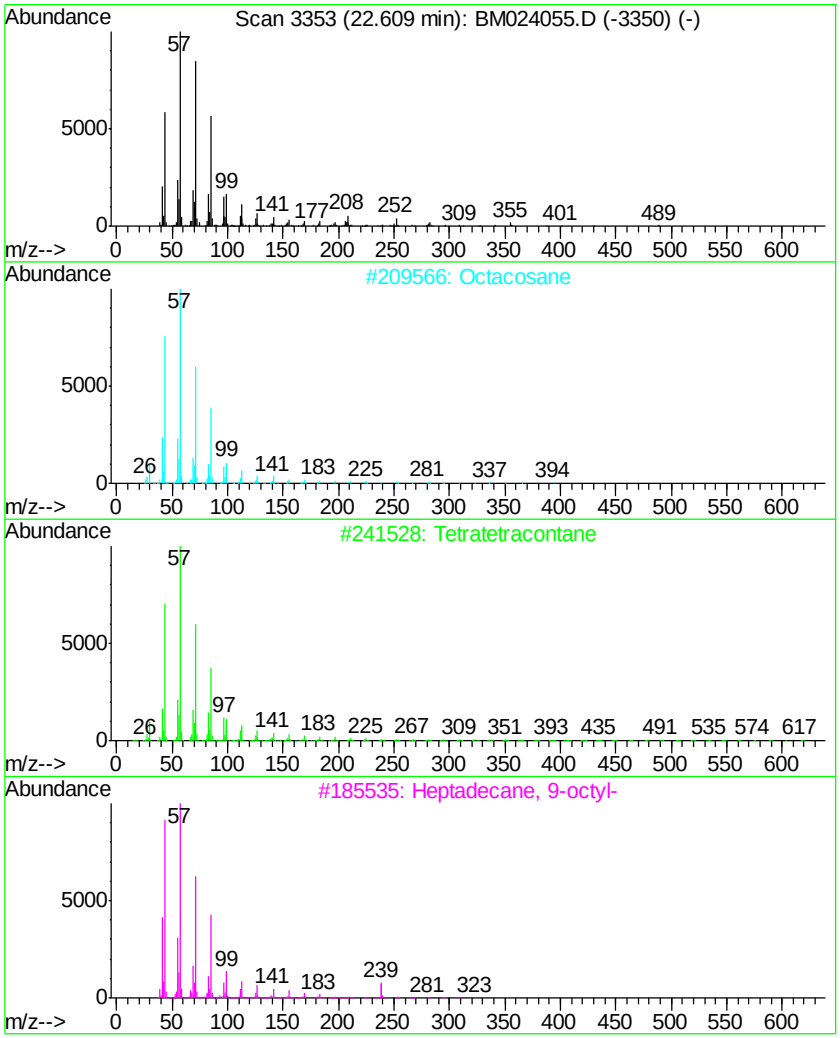
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

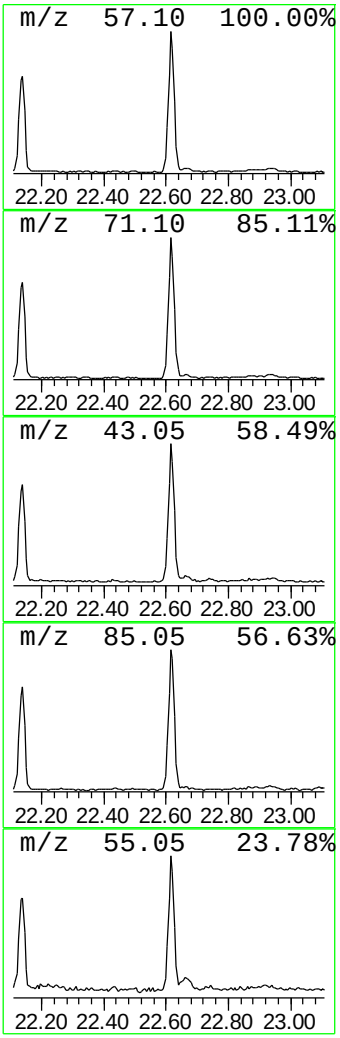
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.36 ng/ul	829499	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP2

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

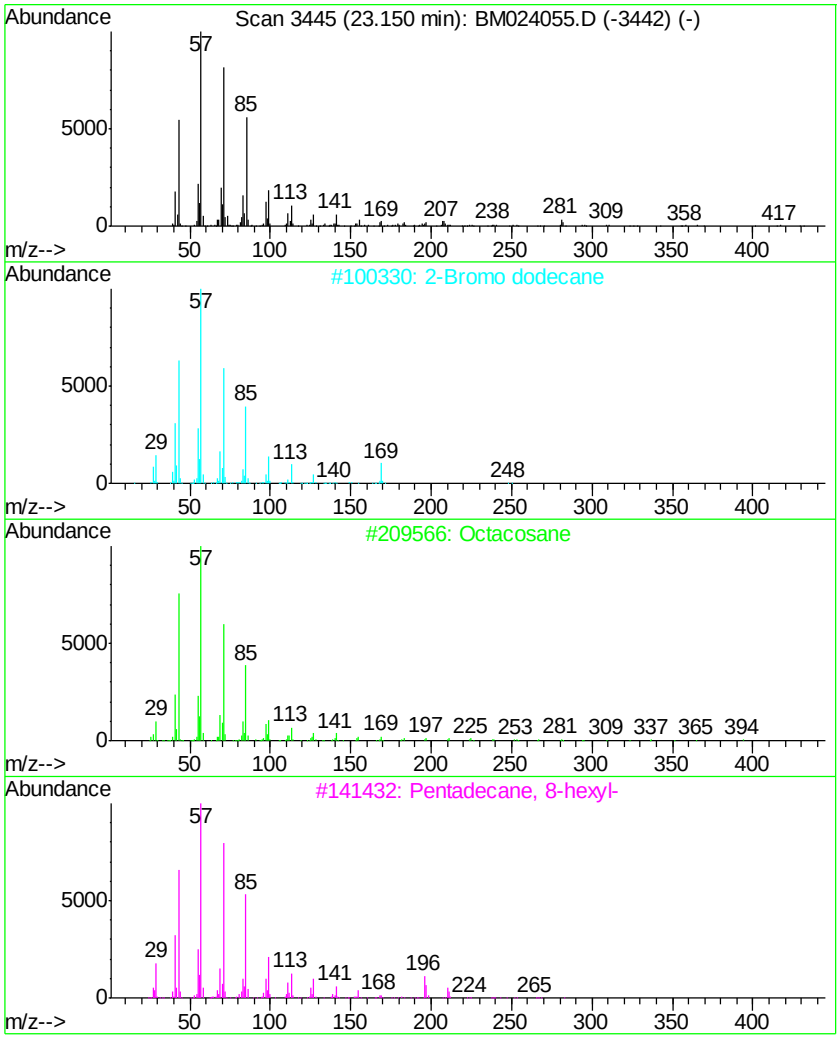
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

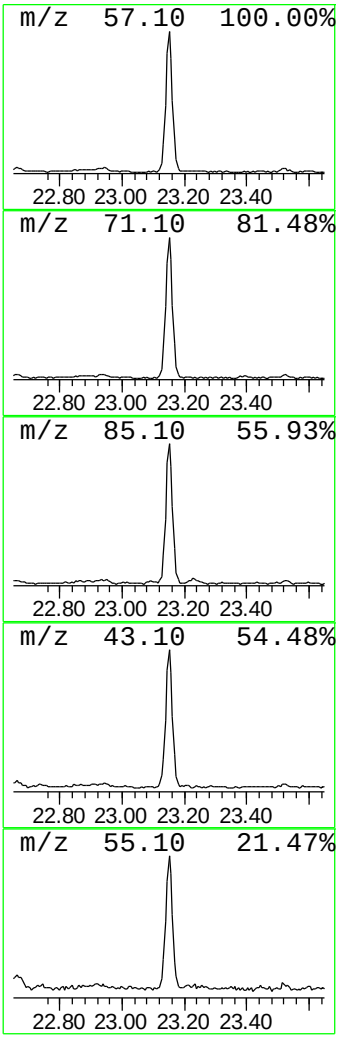
****

Peak Number 3 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	3.56 ng/ul	878902	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Docosane	310	C22H46	000629-97-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP2

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

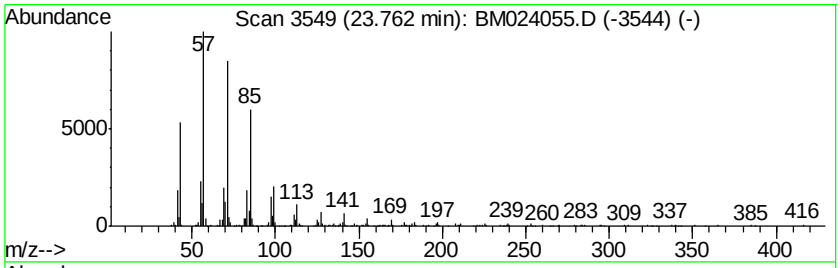
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

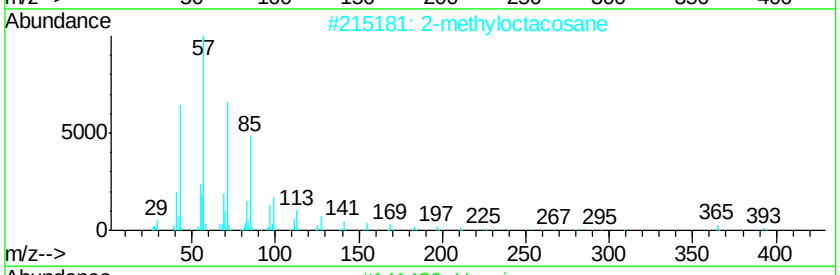
****

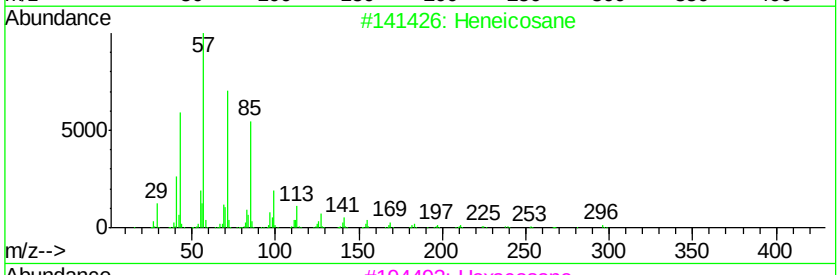
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

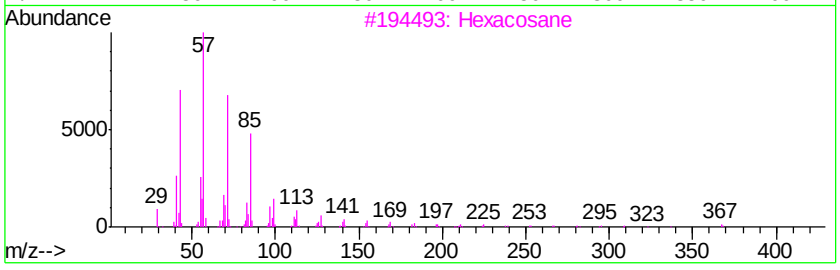
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	4.27 ng/ul	1055020	Perylene-d12	23.23

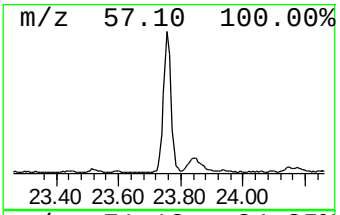
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90

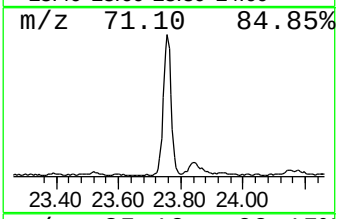


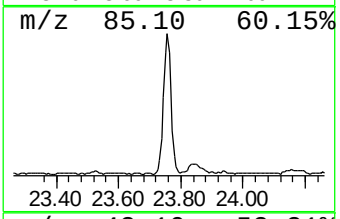


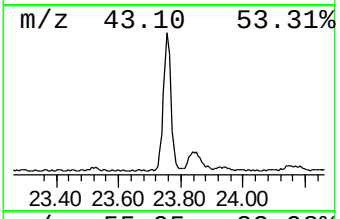


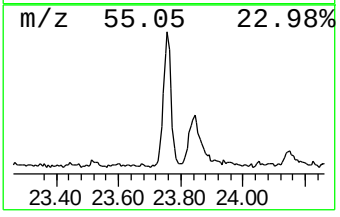












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024055.D
Acq On : 12 Dec 2019 12:59
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP2

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
(DEL) Alkane: Cyc...	20.84	5.7	ng/ul	1576900	5	21.10	5572070	20.0
(DEL) Alkane: Str...	22.61	3.4	ng/ul	829499	6	23.23	4940940	20.0
2-Bromo dodecane	23.15	3.6	ng/ul	878902	6	23.23	4940940	20.0
(DEL) Alkane: Str...	23.76	4.3	ng/ul	1055020	6	23.23	4940940	20.0