LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007675.D
Acq On : 16 Sep 2019 20:26
Operator : HP/JU
Sample : K4780-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

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_N\METHODS\SOM-EPA-BN091619MA.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	3.017	3	5	28	rVB	8057789	9880353	41.51%	4.571%
2	3.270	45	48	59	rVB	150402	237308	1.00%	0.110%
3	3.893	151	154	161	rVB	61181	89320	0.38%	0.041%
4	3.981	166	169	174	rVB2	35955	41053	0.17%	0.019%
5	4.070	182	184	191	rVB6	32734	46813	0.20%	0.022%
6	6.117	528	532	536	rVB2	28395	37871	0.16%	0.018%
7	6.875	655	661	677	rVB2	793300	1503324	6.32%	0.695%
8	7.046	684	690	705	rBV	1979259	3345916	14.06%	1.548%
9	7.240	716	723	737	rVB	2592306	4058486	17.05%	1.877%
10	7.705	795	802	811	rBV	2772988	4325842	18.17%	2.001%
11	8.399	913	920	932	rBV	2075630	3311059	13.91%	1.532%
12	8.846	988	996	1007	rBV	2780315	4597073	19.31%	2.127%
13	9.316	1072	1076	1083	rVB	56327	81202	0.34%	0.038%
14	9.563	1110	1118	1132	rBV	2121544	3454662	14.51%	1.598%
15	10.093	1201	1208	1226	rBV	3493779	5890859	24.75%	2.725%
16	10.475	1265	1273	1282	rBV	3944450	6460246	27.14%	2.988%
17	10.605	1286	1295	1303	rBV	189577	361955	1.52%	0.167%
18	11.805	1494	1499	1507	rBV	129968	195833	0.82%	0.091%
19	12.063	1538	1543	1550	rVB	63284	102870	0.43%	0.048%
20	12.946	1688	1693	1700	rBV5	19992	33792	0.14%	0.016%
21	13.069	1708	1714	1718	rBV5	21689	38477	0.16%	0.018%
22	13.175	1726	1732	1736	rBV3	22328	31321	0.13%	0.014%
23	13.740	1822	1828	1833	rBV	6743424	9468942	39.78%	4.380%
24	13.787	1833	1836	1845	rVB	460374	669372	2.81%	0.310%
25	14.022	1868	1876	1885	rBV	7641350	11423025	47.99%	5.284%
26	14.328	1921	1928	1947	rBV	6007404	9320043	39.16%	4.311%
27	14.516	1953	1960	1979	rBV	904013	1404697	5.90%	0.650%
28	14.757	1995	2001	2008	rVB8	29676	51757	0.22%	0.024%
29	15.081	2050	2056	2063	rBV	57656	83307	0.35%	0.039%
30	15.157	2065	2069	2072	rVB3	22395	27869	0.12%	0.013%
31	15.210	2072	2078	2082	rBV3	23979	37240	0.16%	0.017%
32	15.328	2090	2098	2109	rBV	10473392	14828128	62.30%	6.859%
33	15.440	2111	2117	2133	rVV	2459822	3296975	13.85%	1.525%
34	15.563	2133	2138	2144	rVB2	121508	182568	0.77%	0.084%

LSC Area Percent Report

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Sample : K4780-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

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_N\METHODS\SOM-EPA-BN091619MA.M
Title : SVOA CALIBRATION

35	15.810	2176	2180	2183	rBV4	23969	35745	0.15%	0.017%
36	15.898	2190	2195	2200	rBV9	13694	28644	0.12%	0.013%
37	16.110	2227	2231	2239	rVB5	51189	76348	0.32%	0.035%
38	16.334	2265	2269	2273	rBV	40496	58747	0.25%	0.027%
39	16.493	2292	2296	2301	rBV7	25433	38564	0.16%	0.018%
40	16.757	2337	2341	2348	rVB6	28221	40848	0.17%	0.019%
41	16.863	2352	2359	2362	rVV3	40074	61116	0.26%	0.028%
42	17.075	2388	2395	2404	rBV	7799460	11009209	46.25%	5.093%
43	17.175	2404	2412	2421	rVV	13195158	18673119	78.45%	8.638%
44	17.310	2430	2435	2442	rBV3	59954	111173	0.47%	0.051%
45	17.375	2442	2446	2452	rVB	50186	68041	0.29%	0.031%
46	17.857	2524	2528	2538	rBV	30570	64455	0.27%	0.030%
47	17.987	2545	2550	2556	rBV	881820	1267934	5.33%	0.587%
48	18.292	2598	2602	2609	rVB6	75766	123919	0.52%	0.057%
49	18.422	2621	2624	2626	rBV4	32686	33228	0.14%	0.015%
50	18.451	2627	2629	2634	rVB6	37080	37807	0.16%	0.017%
51	18.504	2636	2638	2643	rVV4	33374	33054	0.14%	0.015%
52	18.869	2696	2700	2707	rVB7	58010	97309	0.41%	0.045%
53	18.934	2707	2711	2713	rBV5	26458	36838	0.15%	0.017%
54	19.034	2723	2728	2732	rBV8	43958	70271	0.30%	0.033%
55	19.104	2734	2740	2746	rBV	182884	348900	1.47%	0.161%
56	19.275	2764	2769	2778	rBV	371771	629018	2.64%	0.291%
57	19.351	2779	2782	2787	rVB	158861	223801	0.94%	0.104%
58	19.469	2796	2802	2808	rBV	17145227	23802138	100.00%	11.011%
59	19.704	2839	2842	2846	rBV	77348	106225	0.45%	0.049%
60	20.051	2897	2901	2904	rVB	72376	88892	0.37%	0.041%
61	20.545	2982	2985	2988	rBV2	114874	110014	0.46%	0.051%
62	20.951	3051	3054	3058	rVB	125667	167927	0.71%	0.078%
63	21.004	3059	3063	3068	rBV2	947881	1415894	5.95%	0.655%
64	21.051	3068	3071	3080	rVB	683789	955169	4.01%	0.442%
65	21.269	3102	3108	3117	rBV	10277823	12850926	53.99%	5.945%
66	21.386	3124	3128	3135	rBV	411869	659981	2.77%	0.305%
67	21.445	3135	3138	3143	rVB	277257	327197	1.37%	0.151%
68	21.880	3209	3212	3218	rBV	395453	464872	1.95%	0.215%
69	22.345	3287	3291	3296	rVB	573818	727068	3.05%	0.336%
70	22.469	3310	3312	3318	rVB	225804	274761	1.15%	0.127%
71	22.851	3372	3377	3384	rBV	728893	1036830	4.36%	0.480%

LSC Area Percent Report

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Sample : K4780-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

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_N\METHODS\SOM-EPA-BN091619MA.M
Title : SVOA CALIBRATION

72	23.351	3454	3462	3468	rBV	12977551	23311335	97.94%	10.784%
73	23.410	3468	3472	3478	rVV	865544	1391275	5.85%	0.644%
74	23.486	3478	3485	3495	rVB	6765205	12532266	52.65%	5.797%
75	24.057	3577	3582	3590	rVB	748849	1394736	5.86%	0.645%
76	24.792	3702	3707	3716	rVB	692138	1415331	5.95%	0.655%
77	25.657	3849	3854	3865	rVB2	419064	1054350	4.43%	0.488%

Sum of corrected areas: 216174833

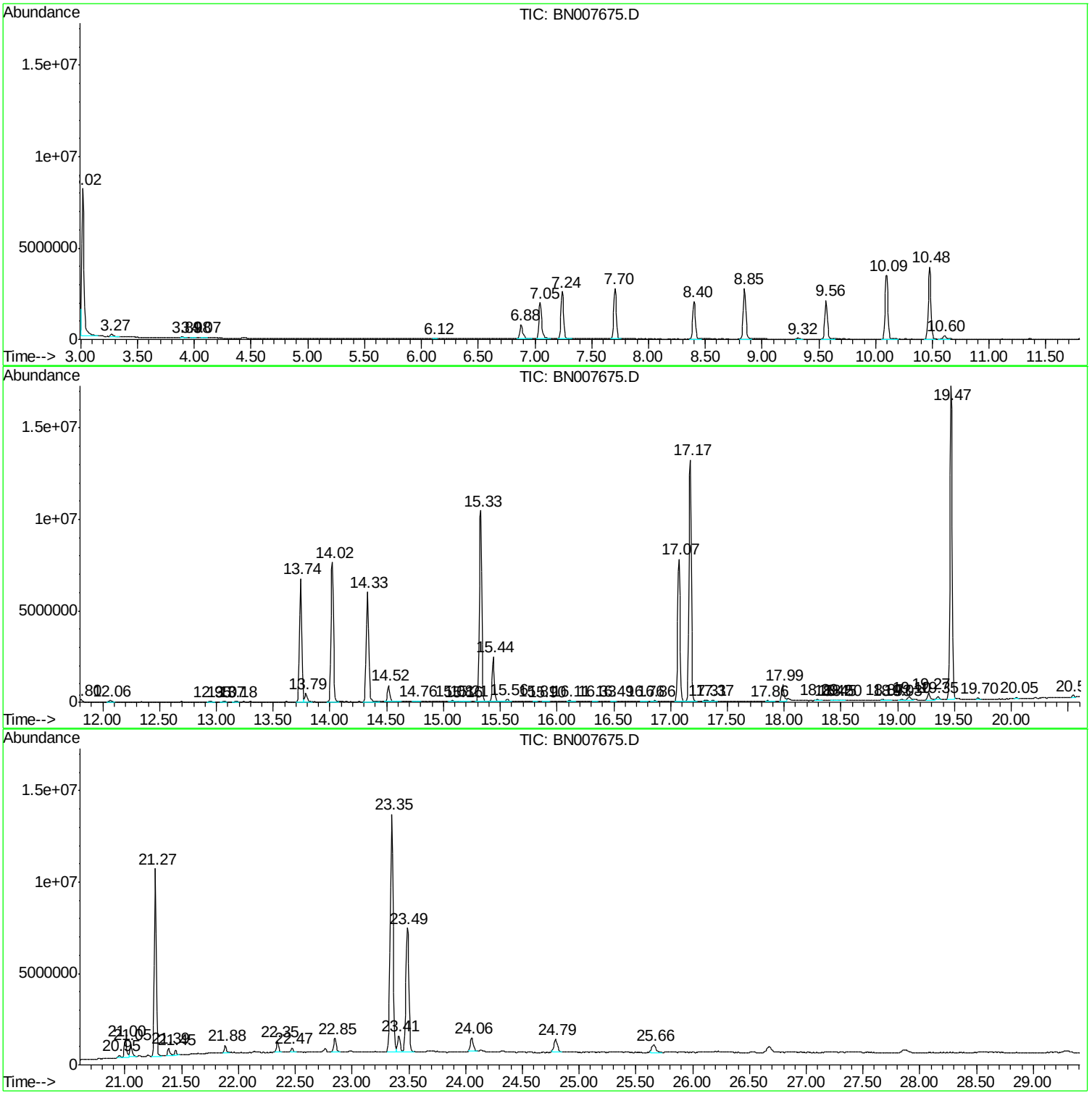
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007675.D
Acq On : 16 Sep 2019 20:26
Operator : HP/JU
Sample : K4780-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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 N\DATA\BN091619\
Data File : BN007675.D
Acq On : 16 Sep 2019 20:26
Operator : HP/JU
Sample : K4780-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

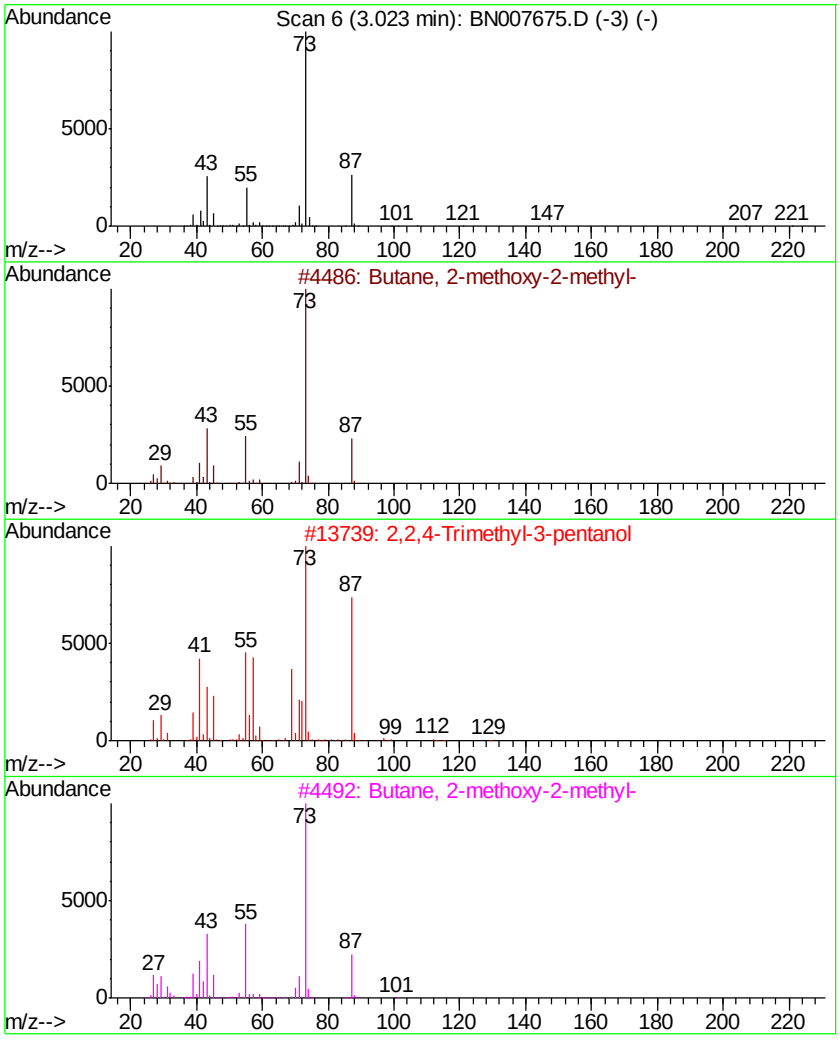
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

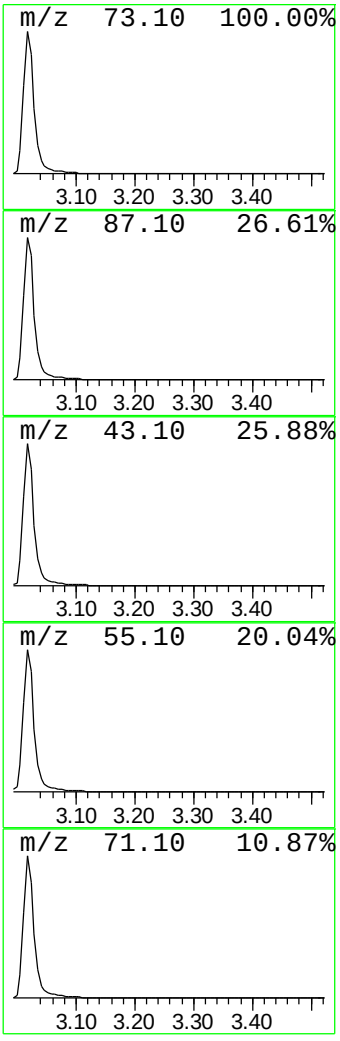
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	45.68 ng/ul	9880350	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
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Acq On : 16 Sep 2019 20:26
Operator : HP/JU
Sample : K4780-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

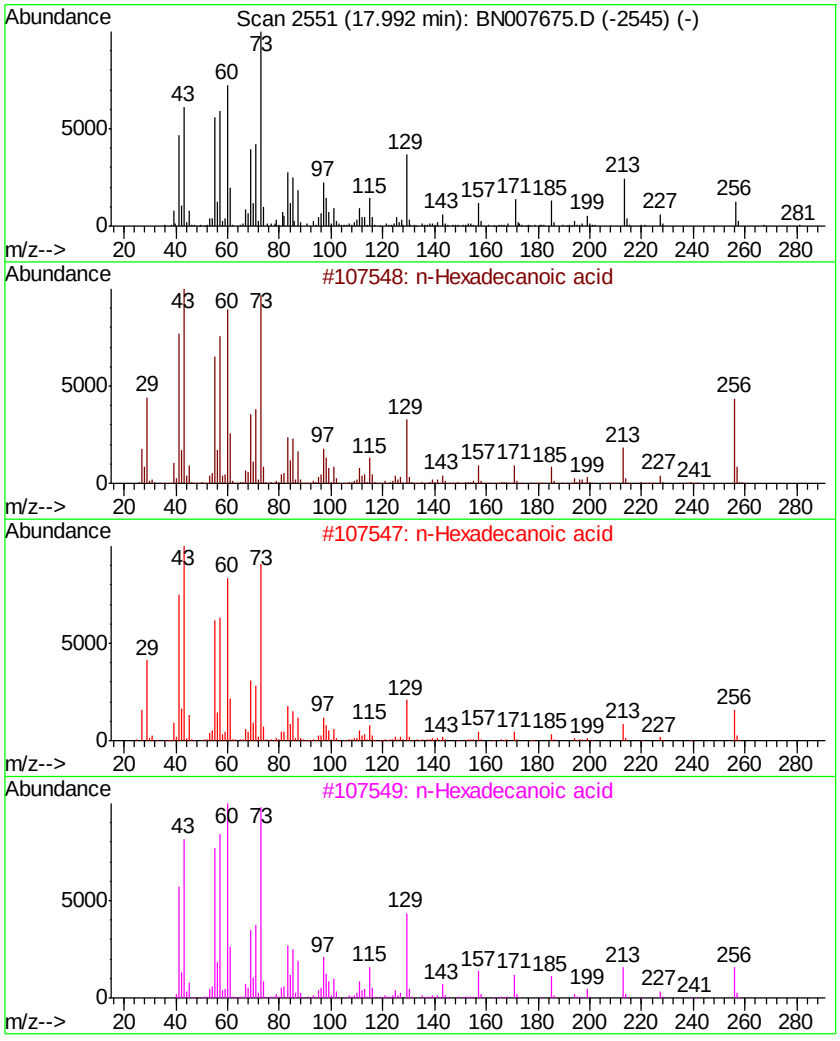
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

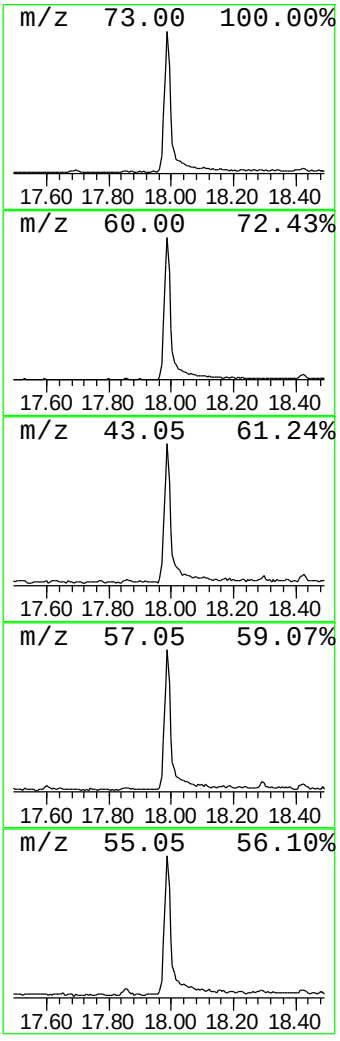
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.30 ng/ul	1267930	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007675.D
Acq On : 16 Sep 2019 20:26
Operator : HP/JU
Sample : K4780-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

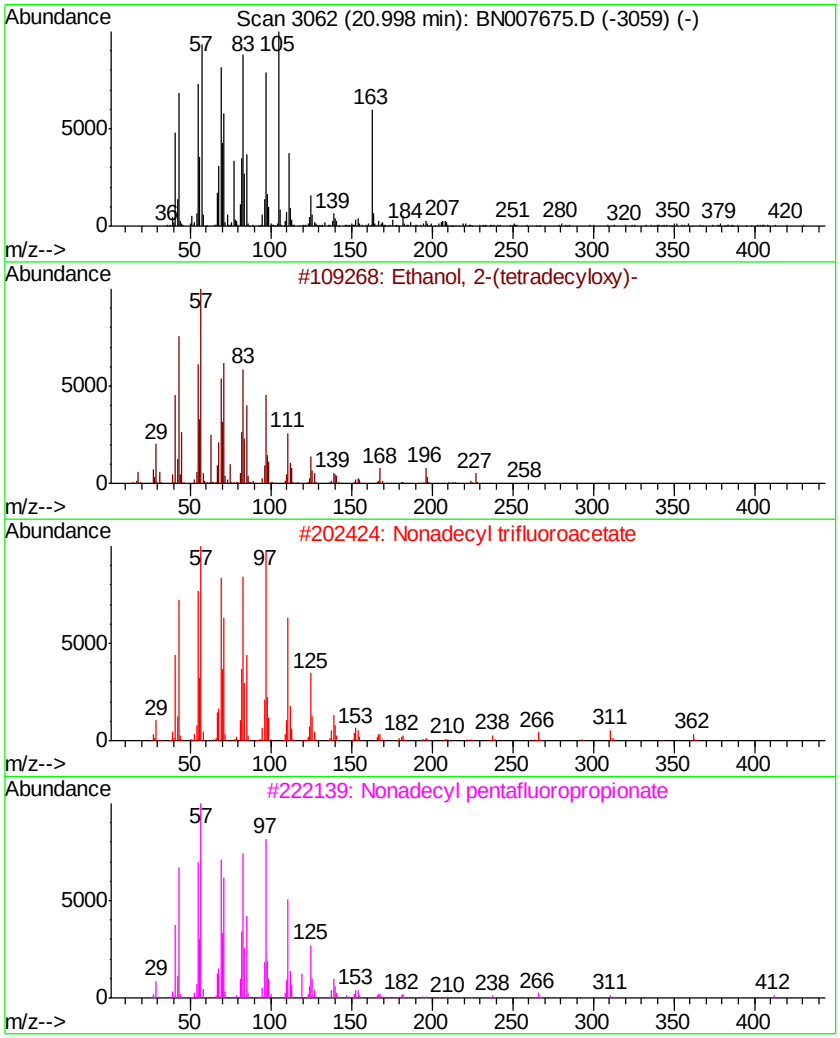
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

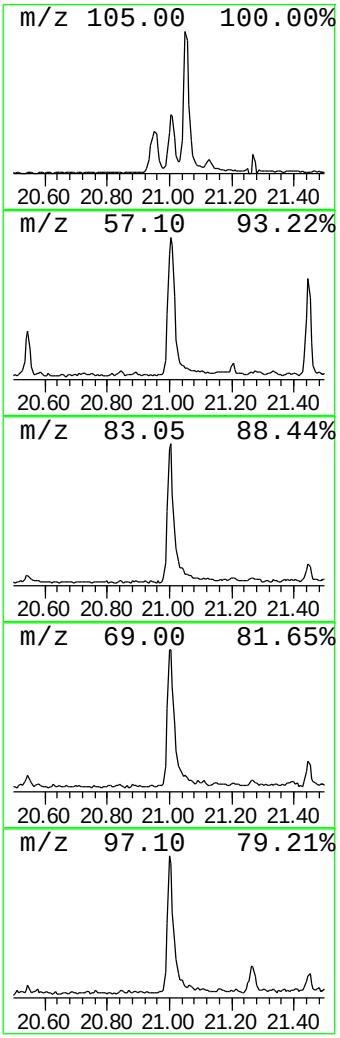
****

Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.20 ng/ul	1415890	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	70
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	70
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
5	n-Pentadecanol	228	C15H32O	000629-76-5	60





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

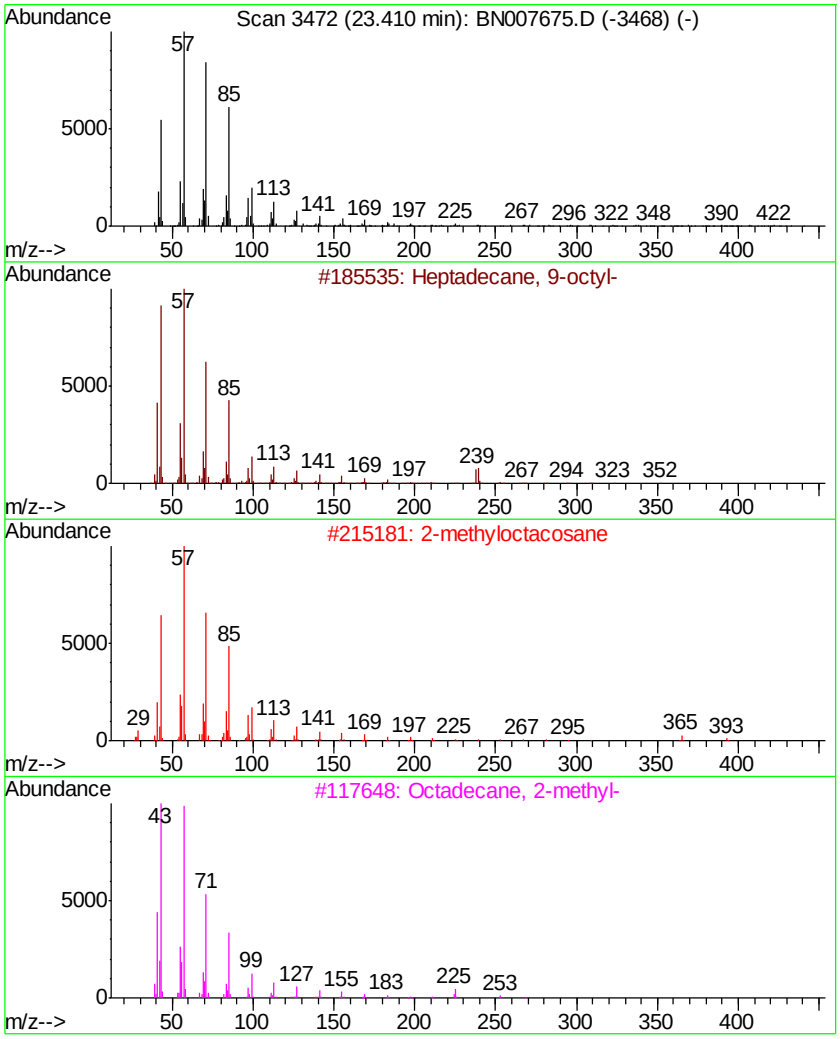
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

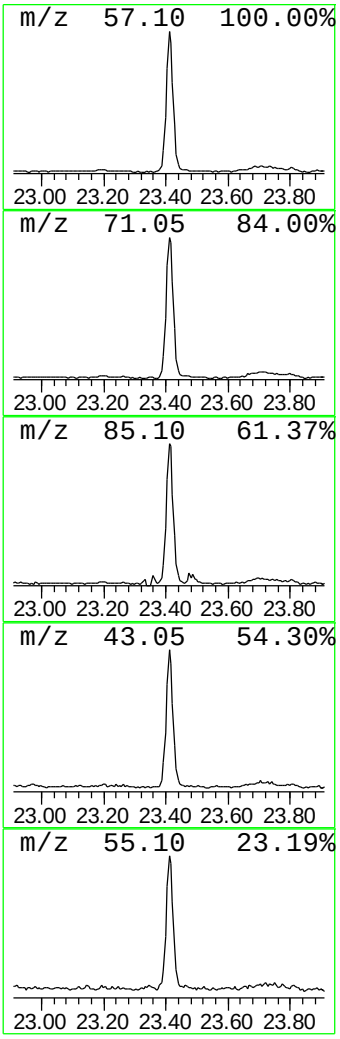
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	2.22 ng/ul	1391280	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

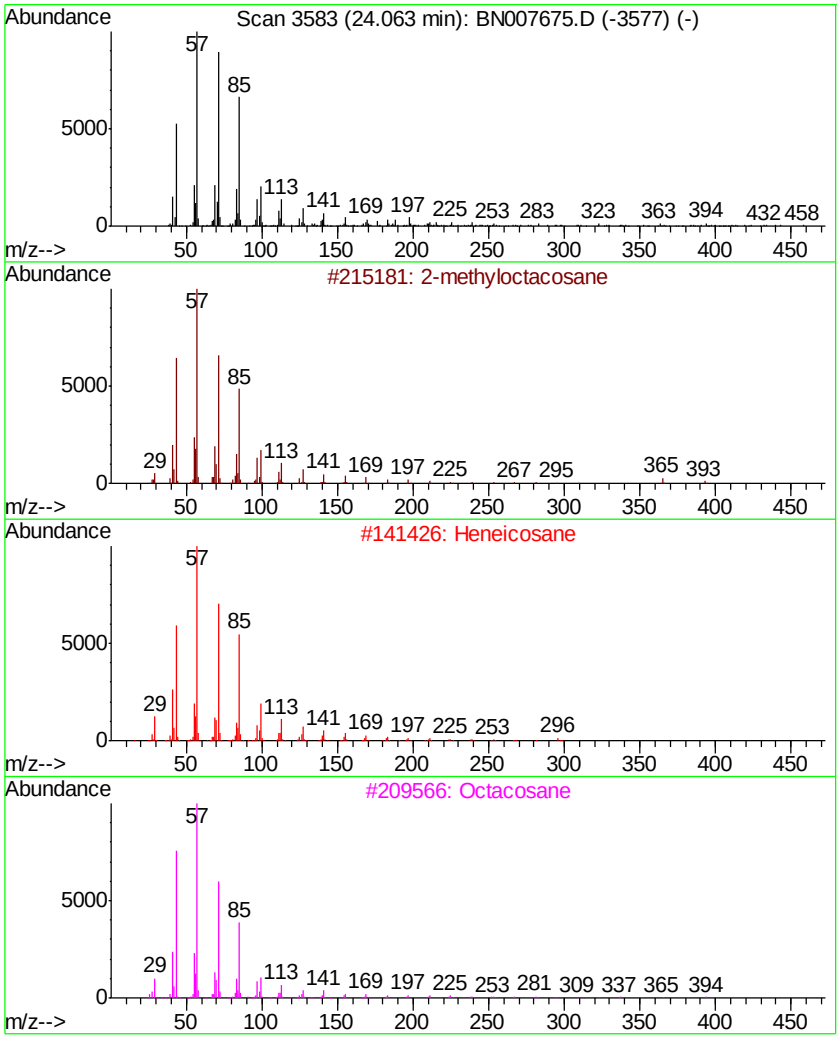
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

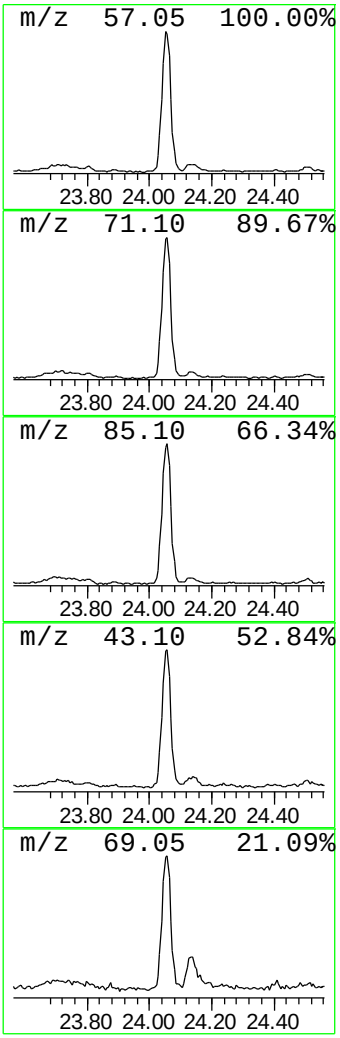
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.23 ng/ul	1394740	Perylene-d12	23.49

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	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5	Tetradecane	198	C14H30	000629-59-4	87





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

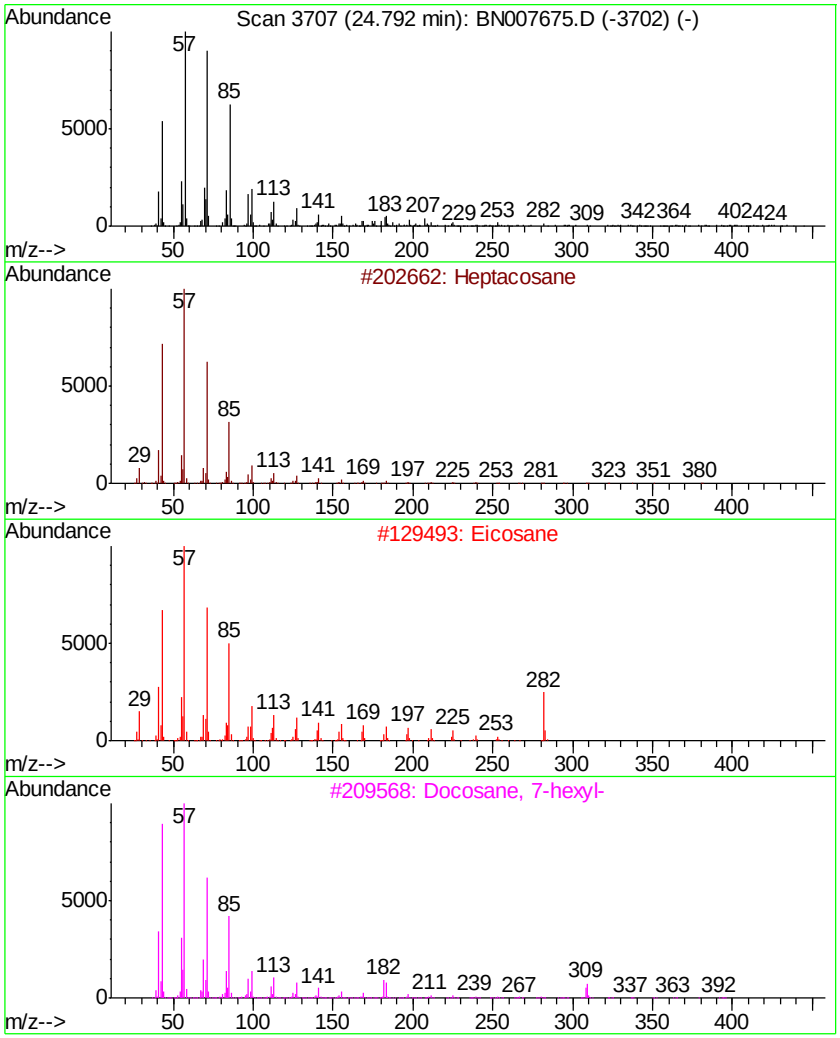
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

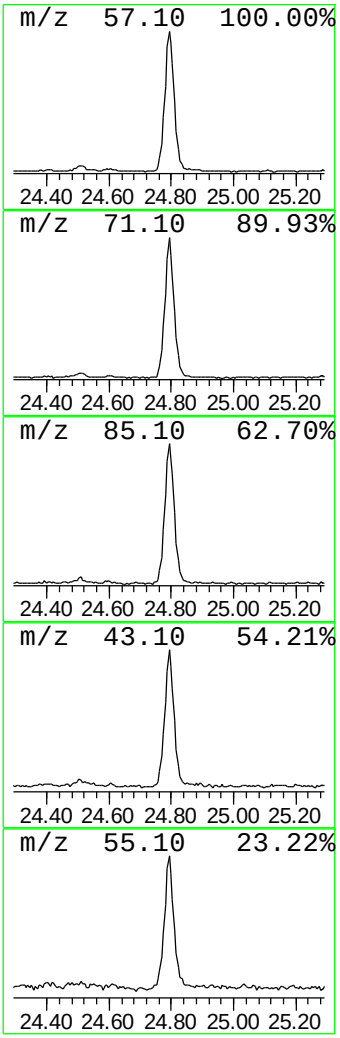
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	2.26 ng/ul	1415330	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
4	Triacontane	422	C30H62	000638-68-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007675.D
Acq On : 16 Sep 2019 20:26
Operator : HP/JU
Sample : K4780-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0BN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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
Butane, 2-methoxy...	3.02	45.7	ng/ul	9880350	1	7.70	4325840	20.0
n-Hexadecanoic acid	17.99	2.3	ng/ul	1267930	4	17.07	11009200	20.0
Ethanol, 2-(tetra...	21.00	2.2	ng/ul	1415890	5	21.27	12850900	20.0
(DEL) Alkane: Str...	23.41	2.2	ng/ul	1391280	6	23.49	12532300	20.0
(DEL) Alkane: Str...	24.06	2.2	ng/ul	1394740	6	23.49	12532300	20.0
(DEL) Alkane: Str...	24.79	2.3	ng/ul	1415330	6	23.49	12532300	20.0