LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026934.D
Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

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-BM072720MA.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	2.772	3	6	13	rVB	107956	126509	4.17%	0.710%
2	2.907	23	29	37	rBV	312346	531466	17.53%	2.983%
3	2.978	37	41	65	rVB	2532318	3031964	100.00%	17.015%
4	3.219	79	82	90	rVB	22882	31004	1.02%	0.174%
5	3.719	165	167	172	rVB5	2882	3294	0.11%	0.018%
6	3.854	184	190	199	rBV	17624	29731	0.98%	0.167%
7	3.943	201	205	210	rVB5	5347	9040	0.30%	0.051%
8	4.160	237	242	243	rBV3	3742	5284	0.17%	0.030%
9	4.390	277	281	284	rBV5	2809	3391	0.11%	0.019%
10	4.831	352	356	360	rBV	15912	21769	0.72%	0.122%
11	6.837	688	697	706	rVB	94126	162272	5.35%	0.911%
12	7.007	720	726	732	rBV	71231	108253	3.57%	0.608%
13	7.201	752	759	767	rBV	94946	148873	4.91%	0.835%
14	7.666	831	838	846	rVB	261044	409044	13.49%	2.296%
15	8.201	925	929	935	rBV4	3764	6488	0.21%	0.036%
16	8.366	951	957	964	rVB	109525	166788	5.50%	0.936%
17	8.478	967	976	981	rBV	12311	19822	0.65%	0.111%
18	8.807	1024	1032	1039	rBV	89316	146664	4.84%	0.823%
19	9.525	1148	1154	1160	rBV2	57114	88721	2.93%	0.498%
20	10.060	1239	1245	1252	rBV	109520	173159	5.71%	0.972%
21	10.442	1302	1310	1316	rBV	318930	534910	17.64%	3.002%
22	10.572	1326	1332	1339	rBV	93643	160014	5.28%	0.898%
23	13.218	1775	1782	1788	rVB4	14557	22460	0.74%	0.126%
24	13.713	1860	1866	1870	rBV	194639	263947	8.71%	1.481%
25	13.760	1870	1874	1880	rVB	87154	117184	3.86%	0.658%
26	13.989	1906	1913	1922	rBV	203381	309515	10.21%	1.737%
27	14.301	1959	1966	1974	rVB	492180	704062	23.22%	3.951%
28	14.483	1992	1997	2006	rBV	64889	92332	3.05%	0.518%
29	14.736	2037	2040	2046	rVB3	5631	9088	0.30%	0.051%
30	15.189	2114	2117	2121	rVB3	2865	3812	0.13%	0.021%
31	15.295	2128	2135	2141	rBV	263293	371938	12.27%	2.087%
32	15.401	2148	2153	2158	rBV2	38620	53039	1.75%	0.298%
33	15.448	2158	2161	2165	rVB4	2907	3976	0.13%	0.022%
34	16.312	2305	2308	2312	rBV	2559	3522	0.12%	0.020%

LSC Area Percent Report

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Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

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-BM072720MA.M
Title : SVOA CALIBRATION

35	16.465	2330	2334	2339	rVB4	2799	4534	0.15%	0.025%
36	16.695	2368	2373	2376	rBV4	2012	3227	0.11%	0.018%
37	16.842	2392	2398	2404	rBV7	3322	7612	0.25%	0.043%
38	17.042	2425	2432	2437	rVV	603025	841319	27.75%	4.721%
39	17.083	2437	2439	2443	rVV	29004	32410	1.07%	0.182%
40	17.136	2443	2448	2460	rVB2	278079	422472	13.93%	2.371%
41	17.442	2496	2500	2506	rVB2	9592	14388	0.47%	0.081%
42	17.583	2520	2524	2527	rVB4	2099	3465	0.11%	0.019%
43	17.748	2548	2552	2555	rVB4	2939	4505	0.15%	0.025%
44	17.842	2564	2568	2572	rBV4	4648	8454	0.28%	0.047%
45	17.900	2573	2578	2584	rVV3	49966	73704	2.43%	0.414%
46	17.959	2584	2588	2596	rVB2	77389	103212	3.40%	0.579%
47	18.112	2610	2614	2618	rVV7	5978	8933	0.29%	0.050%
48	18.148	2618	2620	2625	rVB4	4780	5943	0.20%	0.033%
49	18.265	2636	2640	2644	rBV6	7228	10238	0.34%	0.057%
50	18.453	2668	2672	2676	rVB3	17873	24967	0.82%	0.140%
51	18.530	2680	2685	2690	rBV7	6431	11869	0.39%	0.067%
52	18.677	2708	2710	2716	rVB7	3948	4278	0.14%	0.024%
53	18.730	2716	2719	2721	rBV3	3267	3835	0.13%	0.022%
54	18.830	2732	2736	2743	rBV9	8038	16499	0.54%	0.093%
55	18.912	2743	2750	2752	rBV7	4807	9055	0.30%	0.051%
56	18.977	2757	2761	2764	rBV5	7982	12849	0.42%	0.072%
57	19.065	2773	2776	2777	rBV3	5192	5147	0.17%	0.029%
58	19.100	2777	2782	2788	rVV	110102	168830	5.57%	0.947%
59	19.147	2788	2790	2798	rVB7	25034	35095	1.16%	0.197%
60	19.247	2803	2807	2812	rBV3	37926	46886	1.55%	0.263%
61	19.436	2834	2839	2842	rBV	384512	548194	18.08%	3.076%
62	19.536	2853	2856	2862	rVB7	5349	9713	0.32%	0.055%
63	19.642	2871	2874	2877	rBV3	6382	8857	0.29%	0.050%
64	19.794	2898	2900	2905	rVB6	9547	14302	0.47%	0.080%
65	19.842	2905	2908	2911	rBV3	7992	10704	0.35%	0.060%
66	19.936	2920	2924	2926	rBV5	11084	18225	0.60%	0.102%
67	20.065	2942	2946	2949	rBV6	9035	14258	0.47%	0.080%
68	20.118	2952	2955	2959	rVV4	14748	20963	0.69%	0.118%
69	20.259	2977	2979	2984	rVB2	10246	13909	0.46%	0.078%
70	20.312	2984	2988	2990	rBV5	10395	16571	0.55%	0.093%
71	20.706	3052	3055	3061	rVB2	19388	28542	0.94%	0.160%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

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-BM072720MA.M
Title : SVOA CALIBRATION

72	20.971	3097	3100	3109	rVB4	68604	106180	3.50%	0.596%
73	21.230	3138	3144	3148	rBV	824283	1166789	38.48%	6.548%
74	21.271	3148	3151	3157	rVB	131848	185980	6.13%	1.044%
75	21.859	3249	3251	3256	rVB3	49830	53405	1.76%	0.300%
76	22.783	3403	3408	3412	rBV	267789	532450	17.56%	2.988%
77	22.824	3412	3415	3419	rVB	198220	270114	8.91%	1.516%
78	23.253	3483	3488	3492	rBV	193476	333190	10.99%	1.870%
79	23.300	3492	3496	3501	rVV	280797	509129	16.79%	2.857%
80	23.341	3501	3503	3509	rVB	99283	146018	4.82%	0.819%
81	23.441	3514	3520	3526	rBV2	584933	1043262	34.41%	5.855%
82	24.035	3615	3621	3627	rVB	202809	353572	11.66%	1.984%
83	25.647	3888	3895	3907	rVB3	409691	1148161	37.87%	6.443%
84	26.329	4002	4011	4022	rVB	392226	1167046	38.49%	6.549%
85	26.488	4032	4038	4050	rVB8	124486	342466	11.30%	1.922%

Sum of corrected areas: 17819061

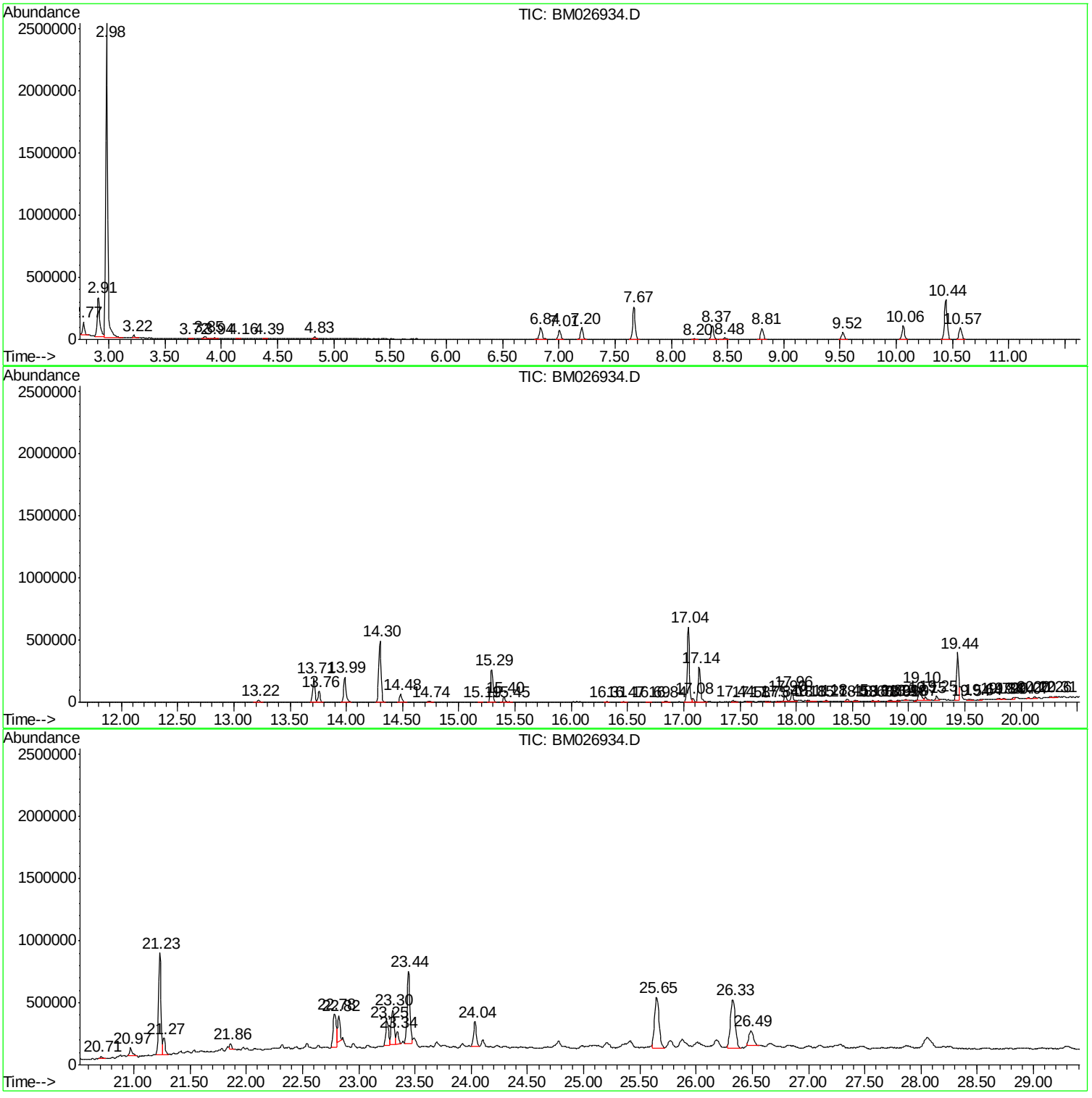
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026934.D
Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026934.D
Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

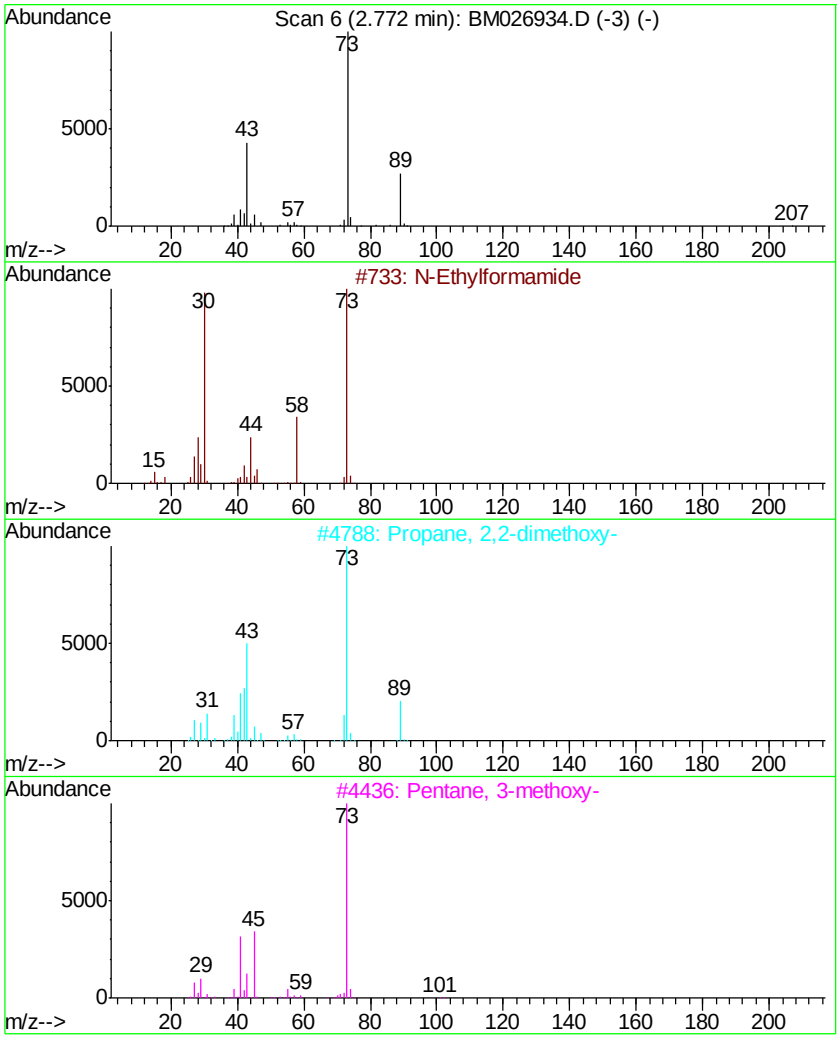
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

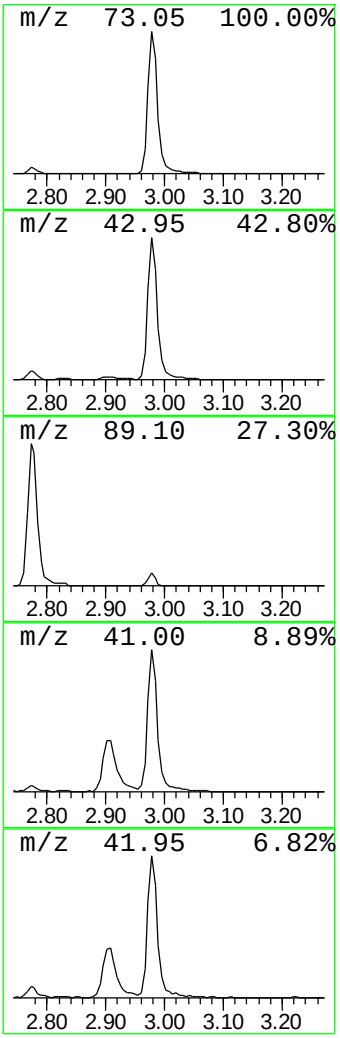
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	6.19 ng/ul	126509	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	32
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026934.D
Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

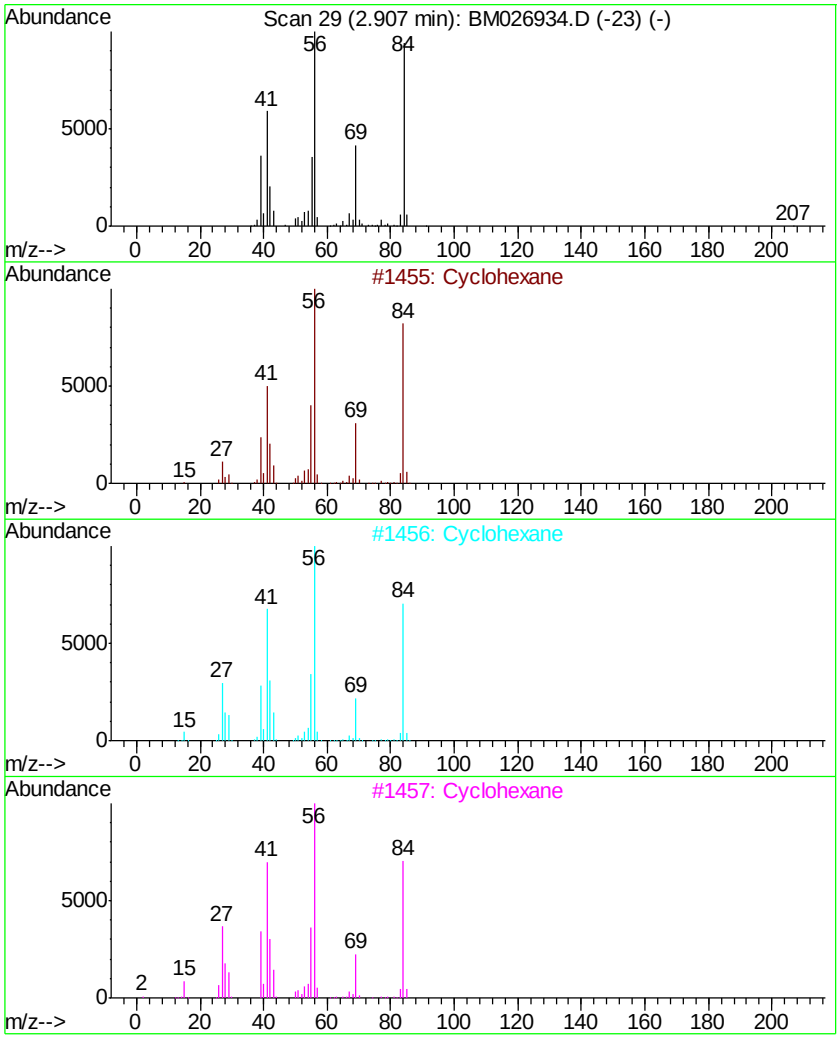
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

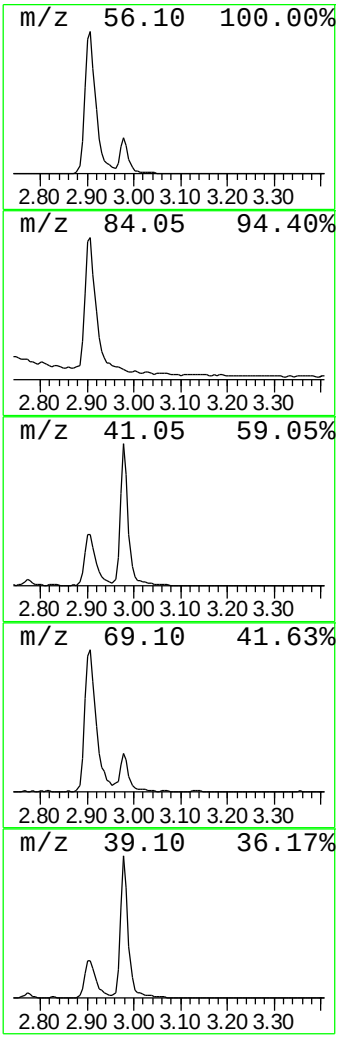
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	25.99 ng/ul	531466	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	90
4	Cyclohexane	84	C6H12	000110-82-7	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026934.D
Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

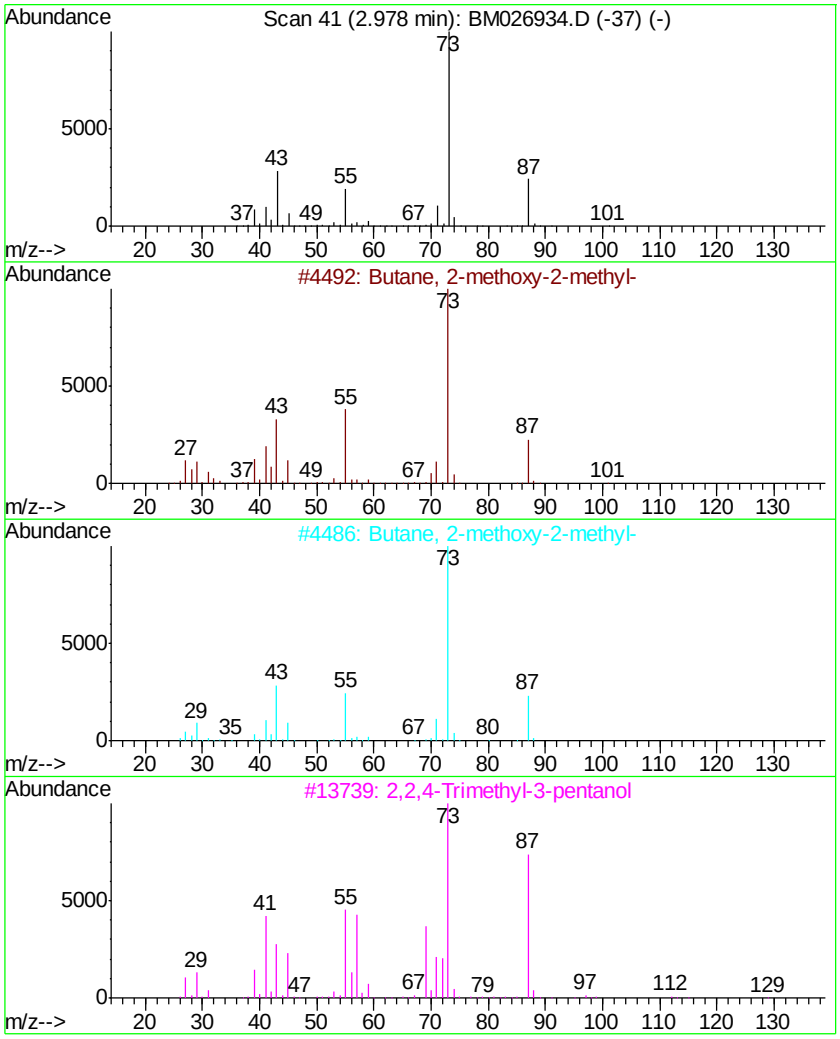
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

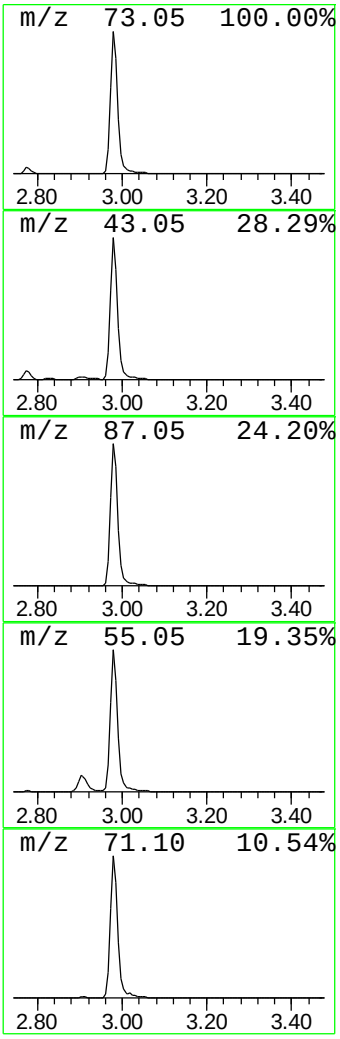
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	148.25 ng/ul	3031960	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
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 M\DATA\BM072820\
Data File : BM026934.D
Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

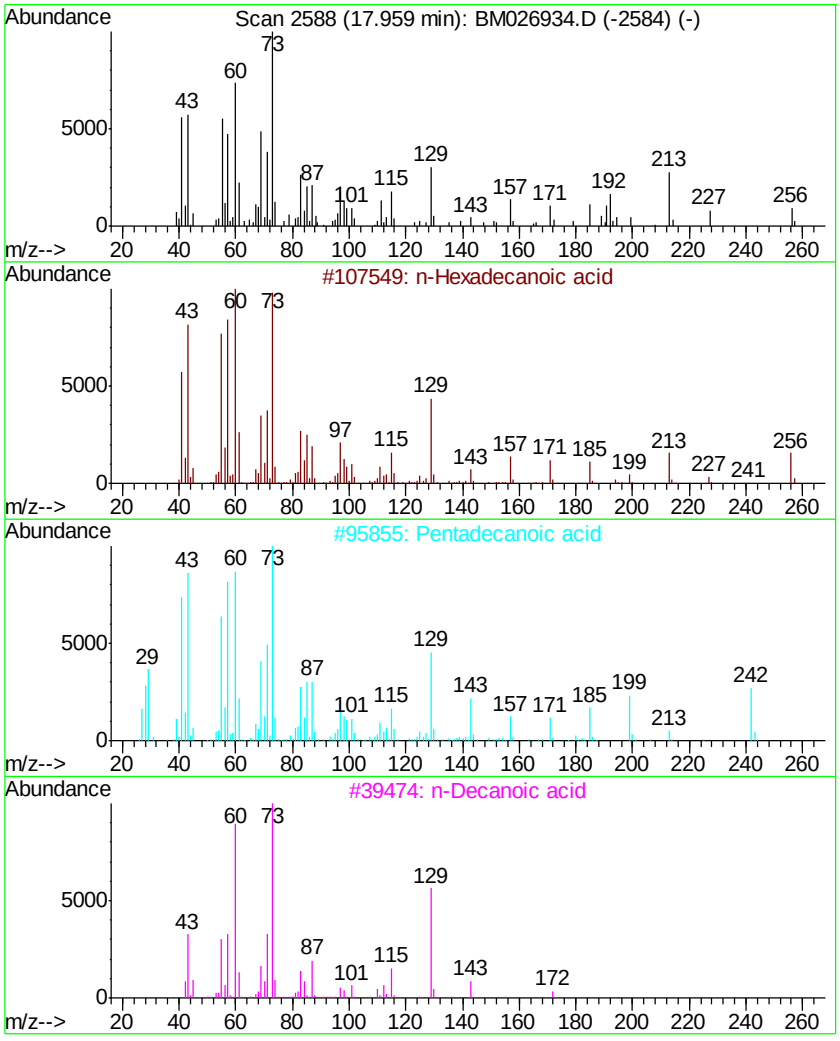
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

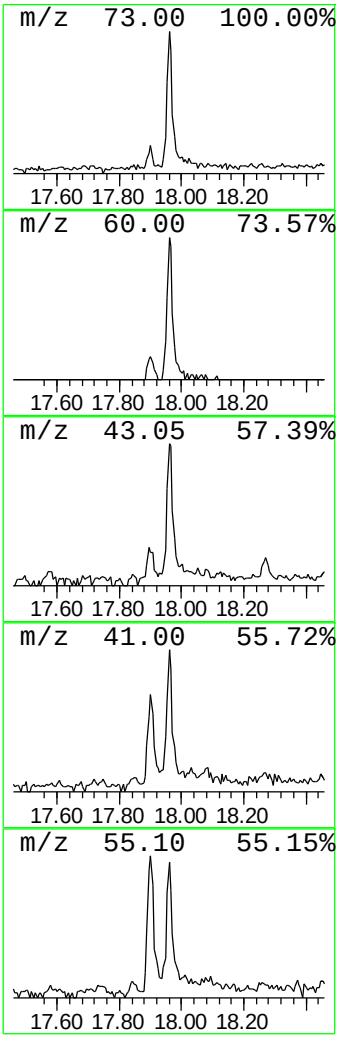
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.45 ng/ul	103212	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Library Search Compound Report

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Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

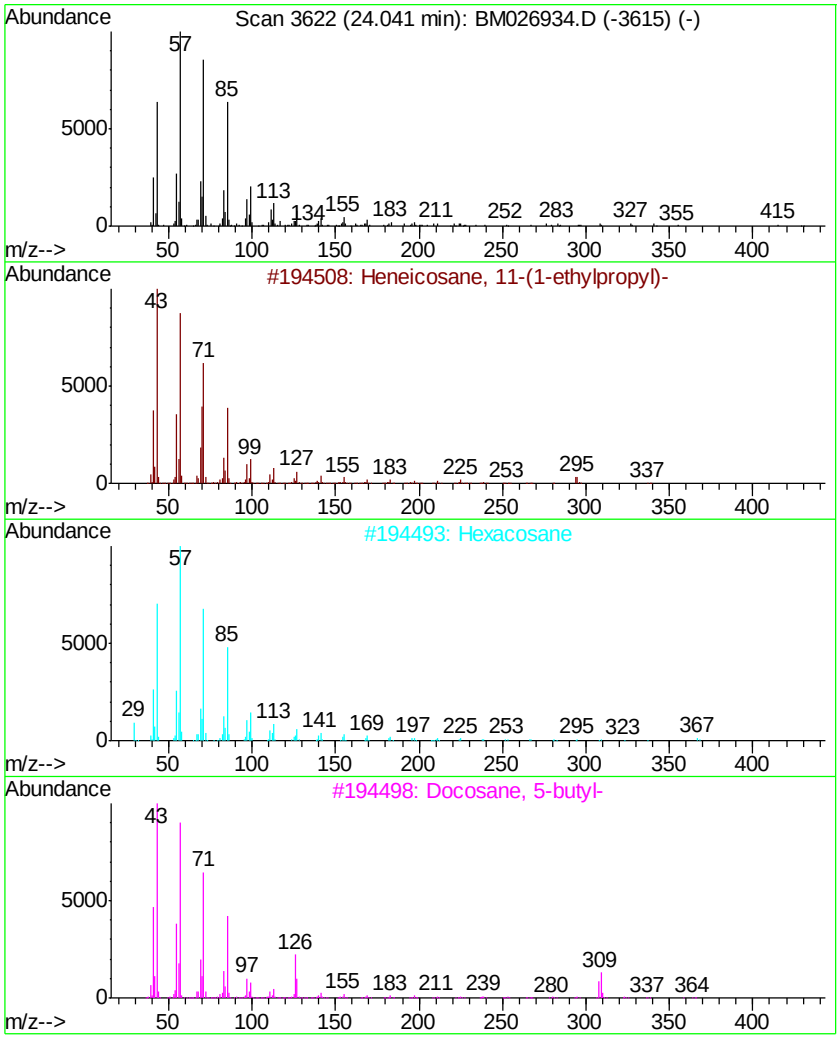
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

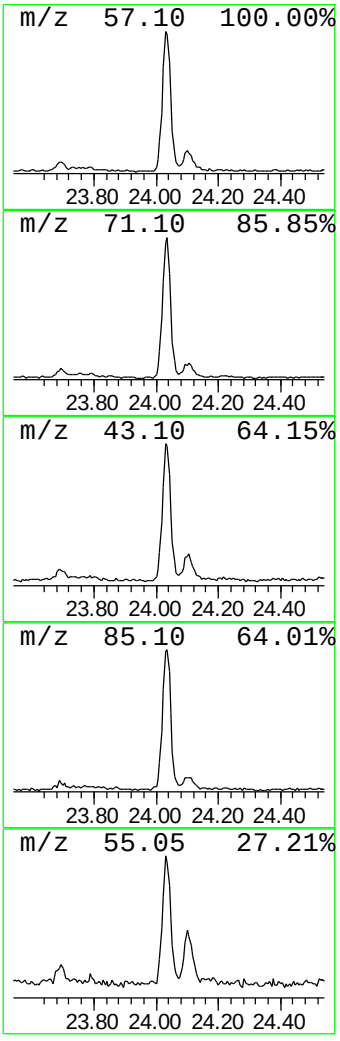
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	6.78 ng/ul	353572	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
4	Heptacosane	380	C27H56	000593-49-7	83
5	Triacontane	422	C30H62	000638-68-6	80





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AG7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

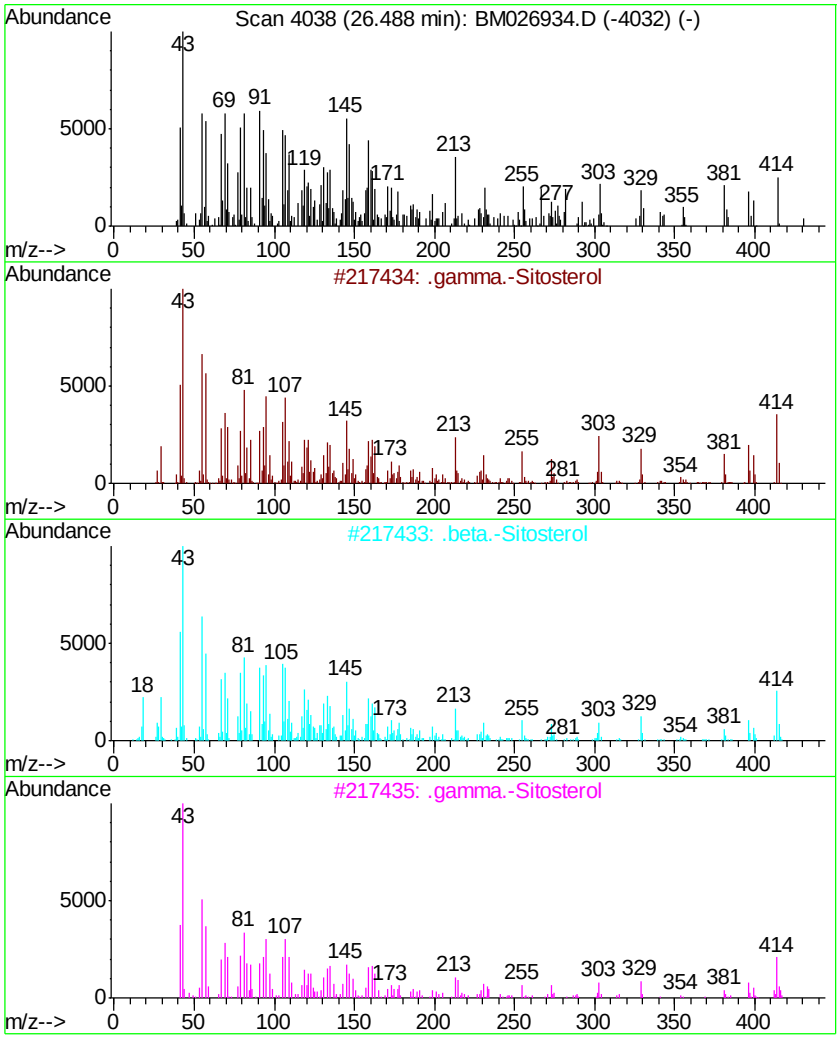
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

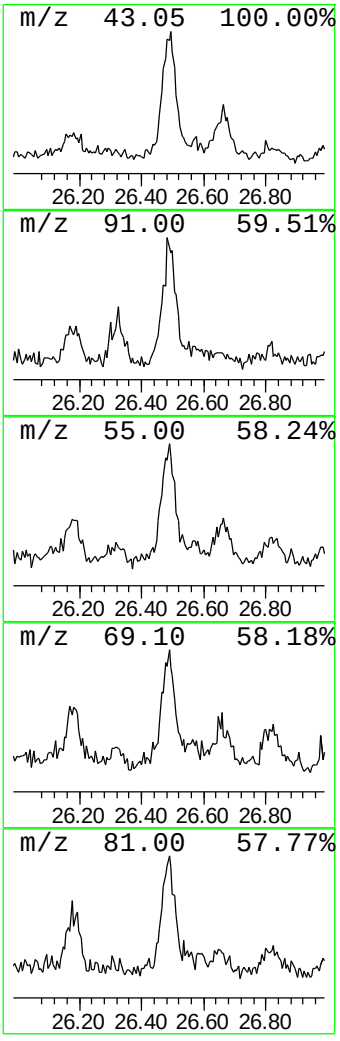
****

Peak Number 6 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.49	6.57 ng/ul	342466	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	89
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	70
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	38
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072820\
Data File : BM026934.D
Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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
unknown-01	2.77	6.2	ng/ul	126509	1	7.67	409044	20.0
(DEL) Alkane: Str...	2.91	26.0	ng/ul	531466	1	7.67	409044	20.0
Butane, 2-methoxy...	2.98	148.3	ng/ul	3031960	1	7.67	409044	20.0
n-Hexadecanoic acid	17.96	2.5	ng/ul	103212	4	17.04	841319	20.0
(DEL) Alkane: Str...	24.04	6.8	ng/ul	353572	6	23.44	1043260	20.0
.gamma.-Sitosterol	26.49	6.6	ng/ul	342466	6	23.44	1043260	20.0