LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002002.D
Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP002003.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.917	3	5	21	rVB	1676666	2373478	26.24%	2.587%
2	3.170	43	48	58	rVB	66522	101737	1.12%	0.111%
3	3.675	131	134	141	rVB2	17859	25951	0.29%	0.028%
4	3.805	153	156	161	rVB	14655	20019	0.22%	0.022%
5	3.893	167	171	176	rBV	10809	15936	0.18%	0.017%
6	4.434	259	263	268	rVB3	9631	13997	0.15%	0.015%
7	4.787	319	323	332	rVB2	78928	122388	1.35%	0.133%
8	6.816	659	668	685	rBV	1198099	2044647	22.60%	2.228%
9	6.981	689	696	714	rVB	1000741	1572672	17.39%	1.714%
10	7.175	722	729	739	rBV	1327776	2099528	23.21%	2.288%
11	7.299	746	750	755	rVB7	6541	9312	0.10%	0.010%
12	7.640	800	808	817	rBV	983203	1535958	16.98%	1.674%
13	7.722	817	822	827	rVB	10141	16857	0.19%	0.018%
14	8.175	889	899	909	rVB2	7662	17479	0.19%	0.019%
15	8.346	920	928	941	rBV	1401764	2242744	24.79%	2.444%
16	8.781	994	1002	1015	rBV	1148227	1875706	20.74%	2.044%
17	9.269	1079	1085	1095	rBV	40562	63993	0.71%	0.070%
18	9.499	1117	1124	1133	rBV	942364	1531449	16.93%	1.669%
19	10.034	1206	1215	1237	rBV	1570705	2721642	30.09%	2.966%
20	10.199	1239	1243	1251	rVB10	4101	9365	0.10%	0.010%
21	10.410	1271	1279	1294	rBV	1366444	2243231	24.80%	2.445%
22	10.546	1294	1302	1322	rBV	1172195	2170269	23.99%	2.365%
23	11.934	1531	1538	1544	rBV8	4324	11331	0.13%	0.012%
24	12.010	1544	1551	1557	rBV	27283	48545	0.54%	0.053%
25	13.028	1718	1724	1728	rBV8	7224	13578	0.15%	0.015%
26	13.128	1737	1741	1745	rBV3	9346	11857	0.13%	0.013%
27	13.193	1745	1752	1757	rVV2	18052	31319	0.35%	0.034%
28	13.610	1817	1823	1827	rVB8	6231	11666	0.13%	0.013%
29	13.687	1827	1836	1841	rBV	2853256	4038901	44.65%	4.402%
30	13.734	1841	1844	1853	rVB	255567	357804	3.96%	0.390%
31	13.963	1875	1883	1898	rBV	3439051	5105181	56.44%	5.564%
32	14.275	1929	1936	1945	rBV	2107077	3090225	34.16%	3.368%
33	14.475	1963	1970	1990	rBV	1024200	1632495	18.05%	1.779%
34	14.640	1994	1998	2002	rVV6	14364	31106	0.34%	0.034%

LSC Area Percent Report

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Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

35	14.704	2004	2009	2018	rVB2	51845	90291	1.00%	0.098%
36	15.110	2075	2078	2083	rVB2	8124	9738	0.11%	0.011%
37	15.169	2083	2088	2091	rBV4	10903	13536	0.15%	0.015%
38	15.275	2099	2106	2113	rBV	4484282	6421913	70.99%	6.998%
39	15.340	2113	2117	2120	rVV4	13218	22180	0.25%	0.024%
40	15.392	2120	2126	2142	rVV	1008072	1428559	15.79%	1.557%
41	15.516	2142	2147	2154	rVB	52149	75934	0.84%	0.083%
42	15.663	2168	2172	2180	rVB	6375	15034	0.17%	0.016%
43	16.063	2236	2240	2248	rVB2	19488	32448	0.36%	0.035%
44	16.298	2275	2280	2284	rBV2	7757	10912	0.12%	0.012%
45	16.587	2324	2329	2337	rBV3	31996	60074	0.66%	0.065%
46	16.687	2342	2346	2347	rBV2	7668	10047	0.11%	0.011%
47	16.822	2363	2369	2377	rVB3	14276	33761	0.37%	0.037%
48	16.963	2386	2393	2395	rBV7	7394	15649	0.17%	0.017%
49	17.028	2397	2404	2410	rVV	2579924	3704895	40.96%	4.038%
50	17.128	2414	2421	2436	rVV	4576860	6767795	74.82%	7.375%
51	17.334	2453	2456	2462	rBV6	4883	9565	0.11%	0.010%
52	17.439	2463	2474	2489	rVV2	61414	160918	1.78%	0.175%
53	17.834	2537	2541	2546	rBV7	7065	15204	0.17%	0.017%
54	17.898	2548	2552	2556	rBV6	12183	19345	0.21%	0.021%
55	17.951	2556	2561	2569	rBV	321997	499431	5.52%	0.544%
56	18.239	2606	2610	2614	rBV3	36502	60495	0.67%	0.066%
57	18.369	2628	2632	2638	rBV2	85276	122444	1.35%	0.133%
58	18.422	2638	2641	2650	rVB	43698	60612	0.67%	0.066%
59	18.798	2701	2705	2712	rVB9	16895	27631	0.31%	0.030%
60	18.928	2723	2727	2730	rBV	24964	37070	0.41%	0.040%
61	19.016	2738	2742	2744	rBV	66687	85527	0.95%	0.093%
62	19.045	2744	2747	2755	rVB	213191	291876	3.23%	0.318%
63	19.192	2768	2772	2778	rBV2	92524	145119	1.60%	0.158%
64	19.263	2780	2784	2792	rVB	64323	113356	1.25%	0.124%
65	19.375	2797	2803	2814	rBV	6164928	8900464	98.39%	9.700%
66	20.175	2936	2939	2943	rBV3	27786	34849	0.39%	0.038%
67	20.863	3051	3056	3072	rBV3	521212	945664	10.45%	1.031%
68	21.122	3094	3100	3105	rBV	3615366	4760996	52.63%	5.188%
69	21.239	3117	3120	3124	rBV	59561	89636	0.99%	0.098%
70	21.298	3127	3130	3135	rVB3	113818	135318	1.50%	0.147%
71	21.733	3200	3204	3217	rVB5	229399	493430	5.45%	0.538%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

72	22.192	3278	3282	3287	rVB	184434	257622	2.85%	0.281%
73	22.316	3300	3303	3307	rVB	136037	166837	1.84%	0.182%
74	22.669	3358	3363	3364	rBV	338709	460751	5.09%	0.502%
75	22.698	3365	3368	3374	rVB	594879	939872	10.39%	1.024%
76	23.139	3439	3443	3445	rBV	187157	280444	3.10%	0.306%
77	23.192	3445	3452	3461	rVV	4964370	9045991	100.00%	9.858%
78	23.269	3461	3465	3469	rVV	247511	425089	4.70%	0.463%
79	23.327	3469	3475	3494	rVB	2486413	4809308	53.17%	5.241%
80	23.916	3569	3575	3582	rBV	391839	713900	7.89%	0.778%
81	23.992	3584	3588	3600	rVB5	112959	252243	2.79%	0.275%
82	24.657	3698	3701	3708	rVB2	132382	267728	2.96%	0.292%
83	25.545	3846	3852	3867	rVB4	210108	726049	8.03%	0.791%
84	26.398	3992	3997	4012	rVB8	154641	481864	5.33%	0.525%

Sum of corrected areas: 91761780

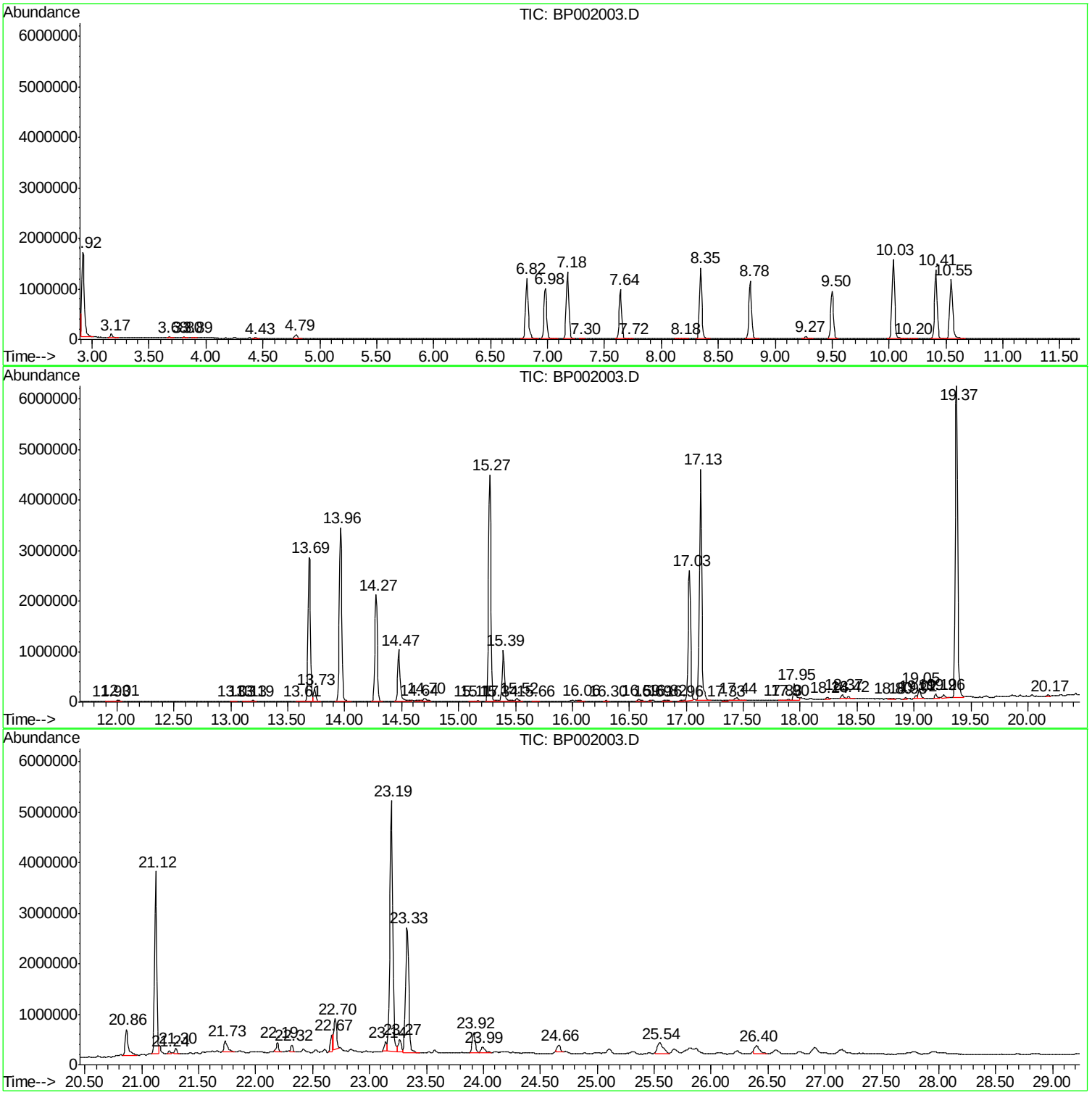
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002002.D
Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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 P\DATA\BP030220\
Data File : BP002002.D
Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

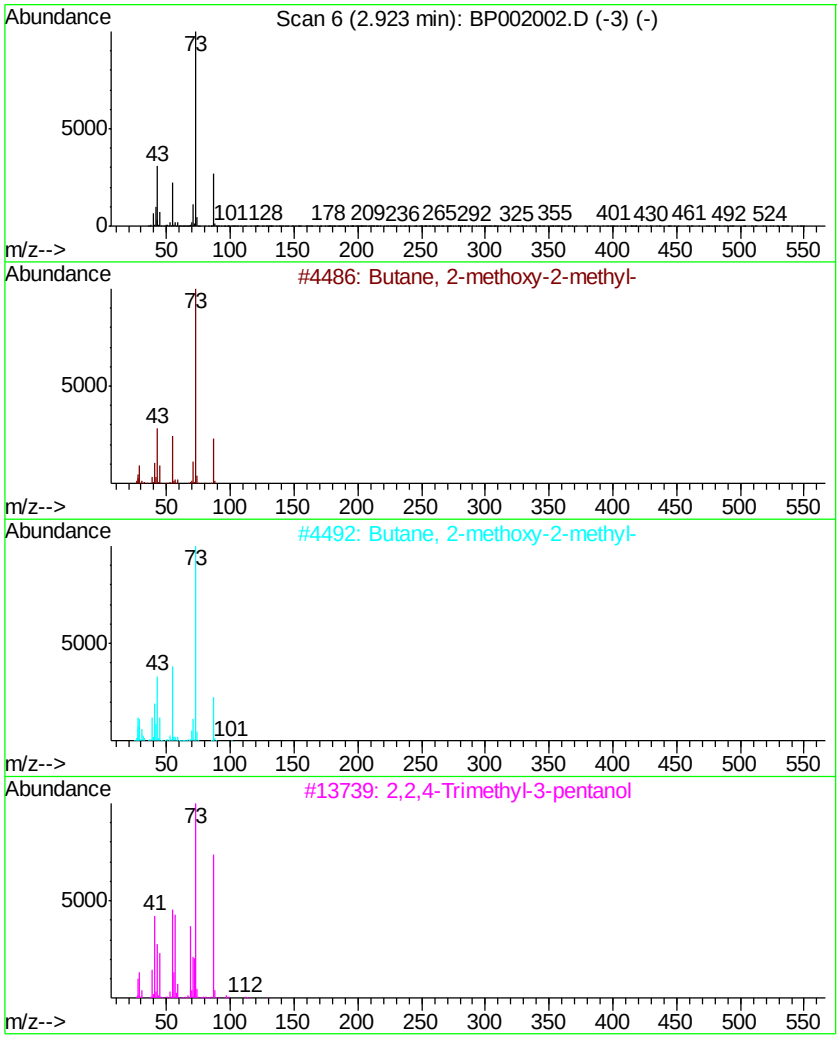
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

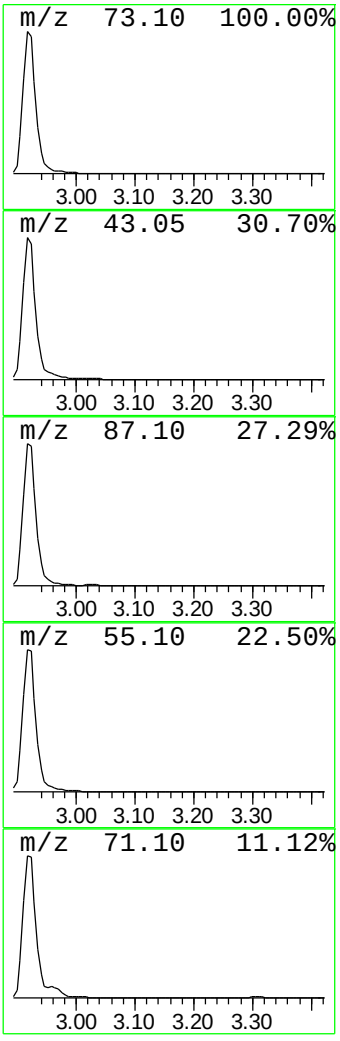
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	30.91 ng/ul	2373480	1,4-Dichlorobenzene-d4	7.64

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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BP002002.D
Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

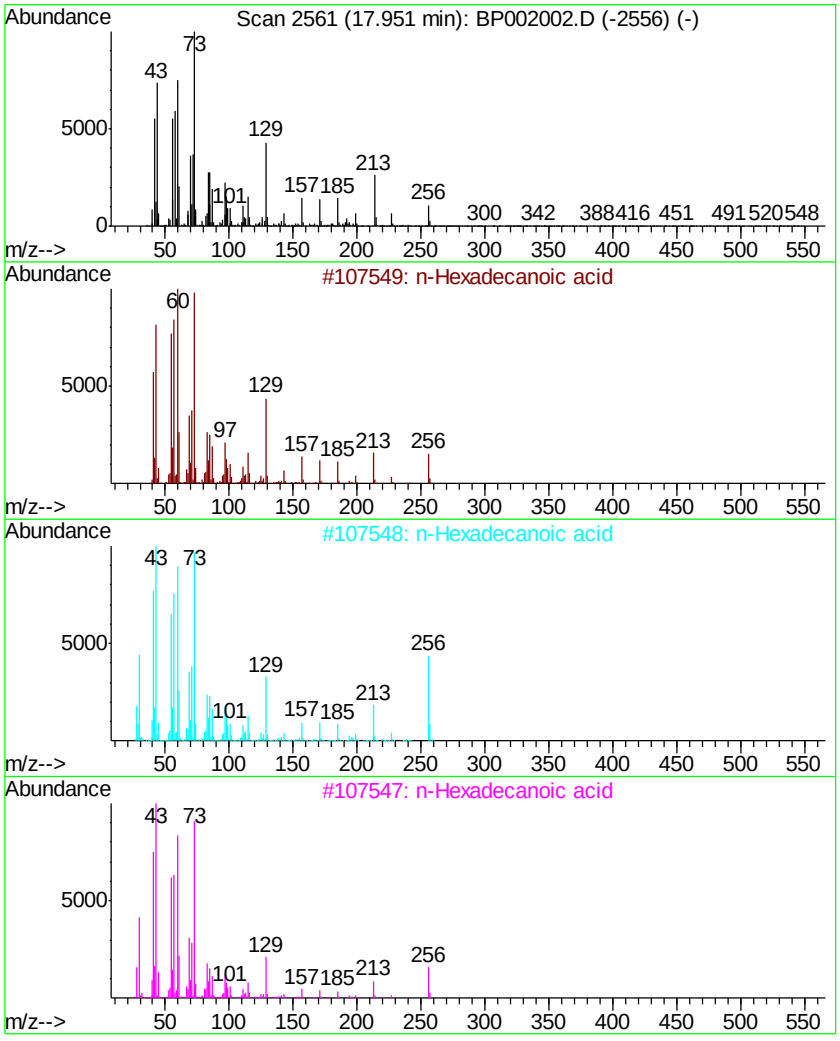
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

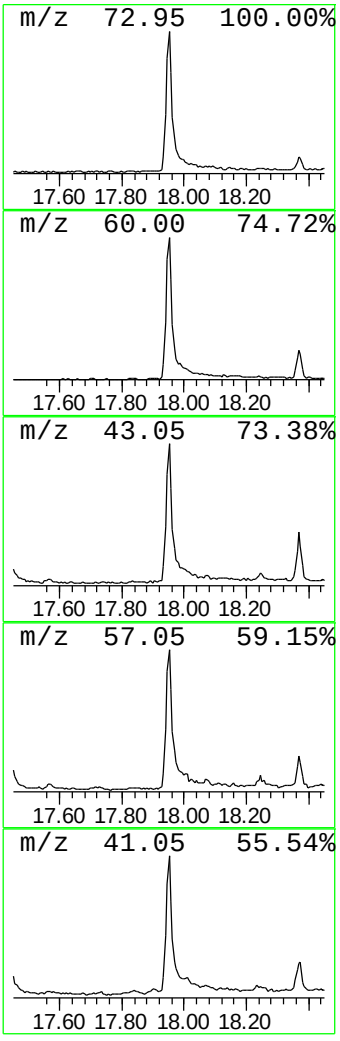
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.70 ng/ul	499431	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
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Misc :
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Instrument : BNA_P
ClientSampleId : DBDQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

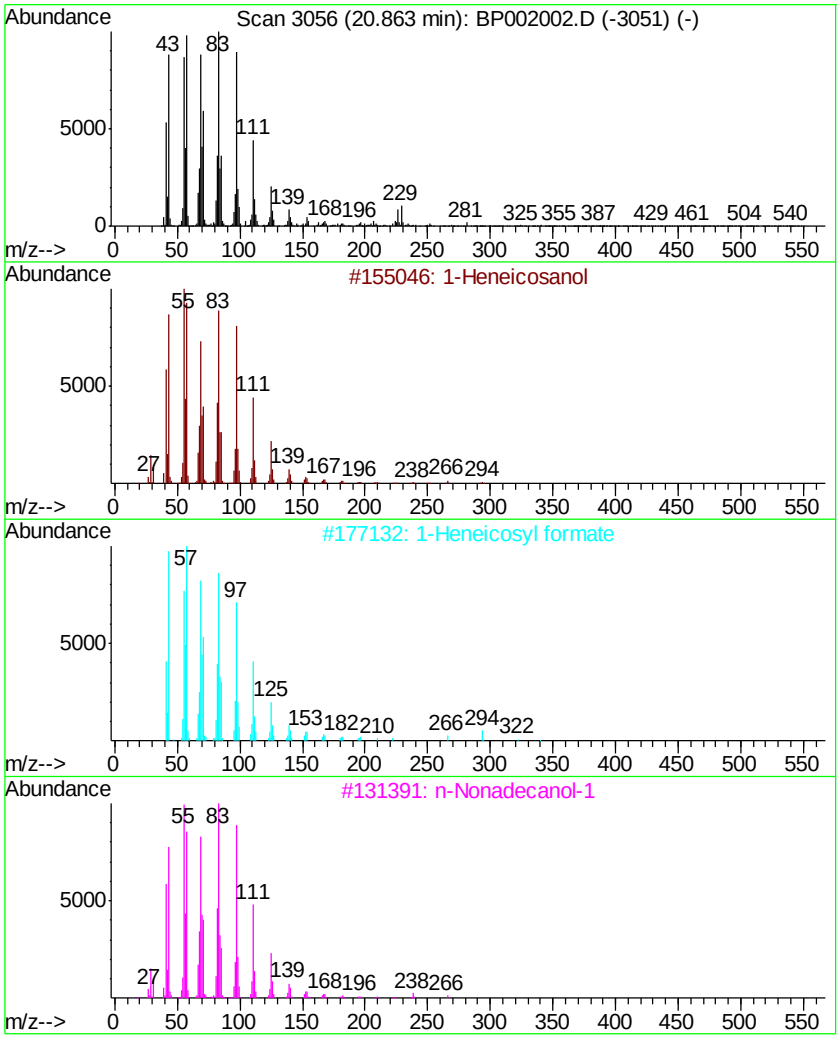
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

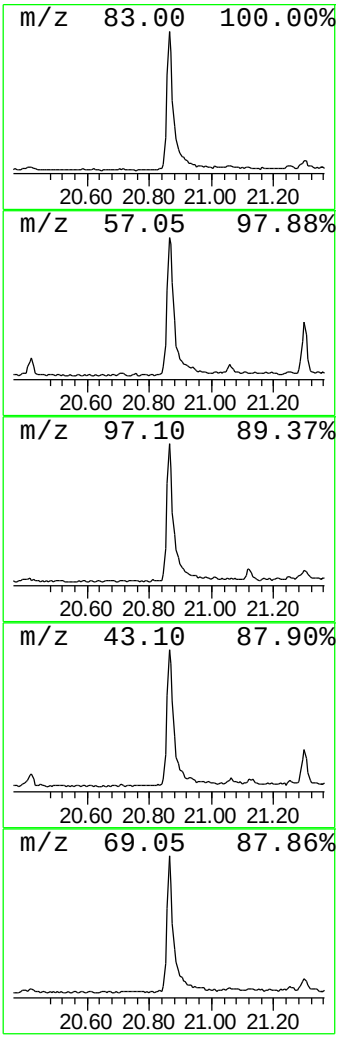
****

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.97 ng/ul	945664	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93





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ClientSampleId : DBDQ5

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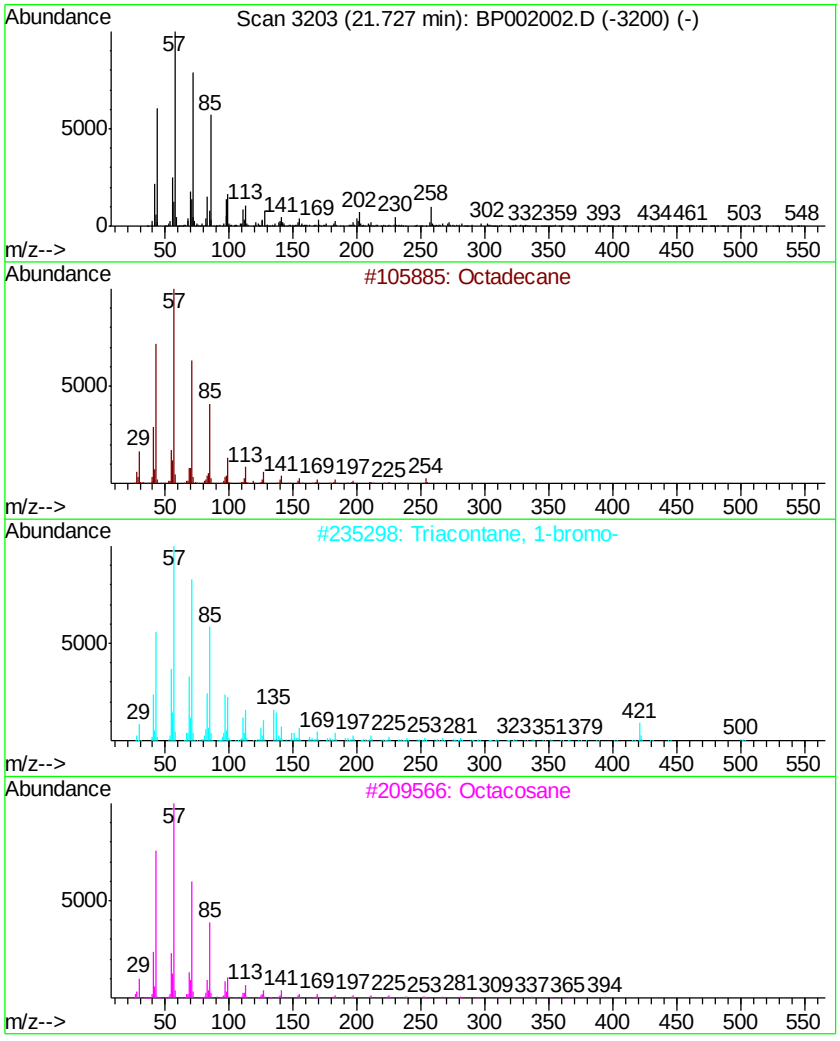
Quant Title : SVOA CALIBRATION

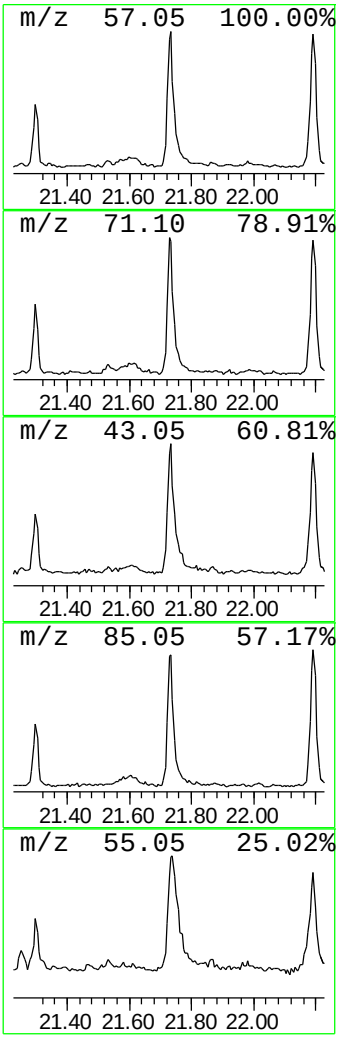
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.07 ng/ul	493430	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	97
3	Octacosane	394	C28H58	000630-02-4	95
4	Heptadecane	240	C17H36	000629-78-7	93
5	Heptadecane	240	C17H36	000629-78-7	93





Library Search Compound Report

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Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

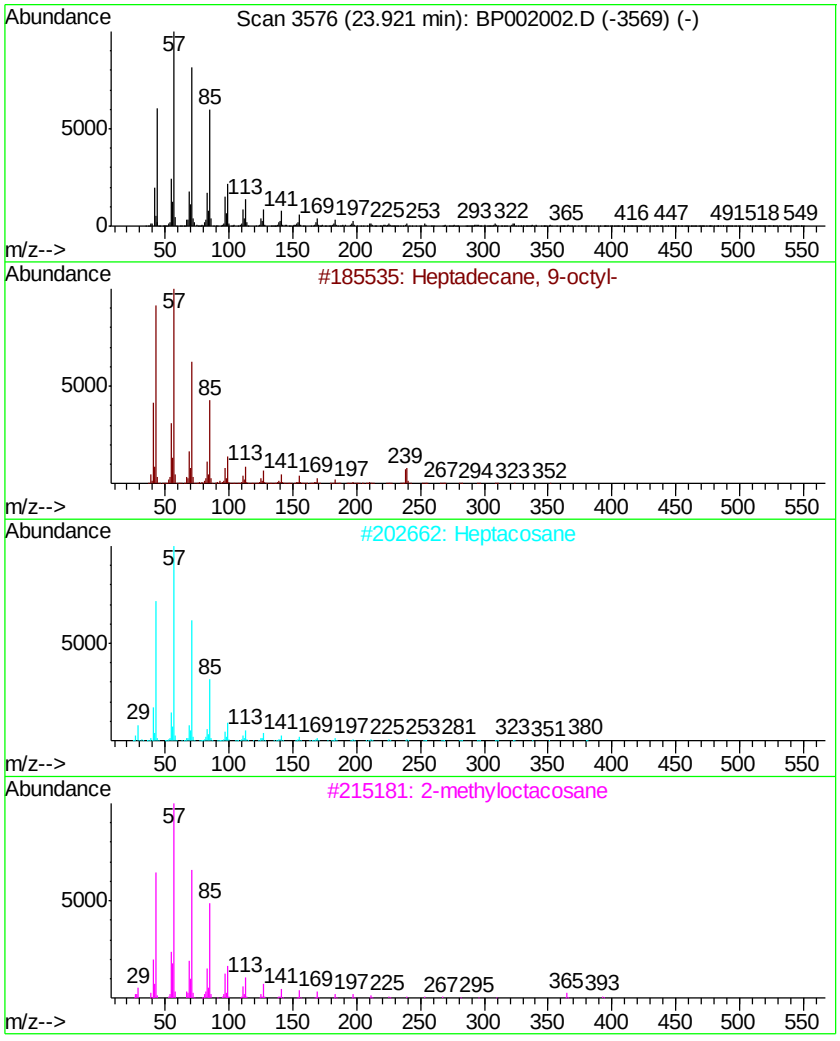
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

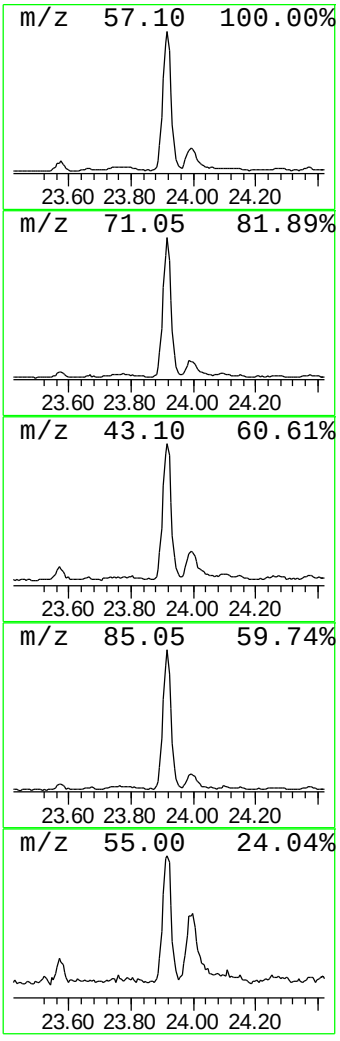
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.97 ng/ul	713900	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002002.D
Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

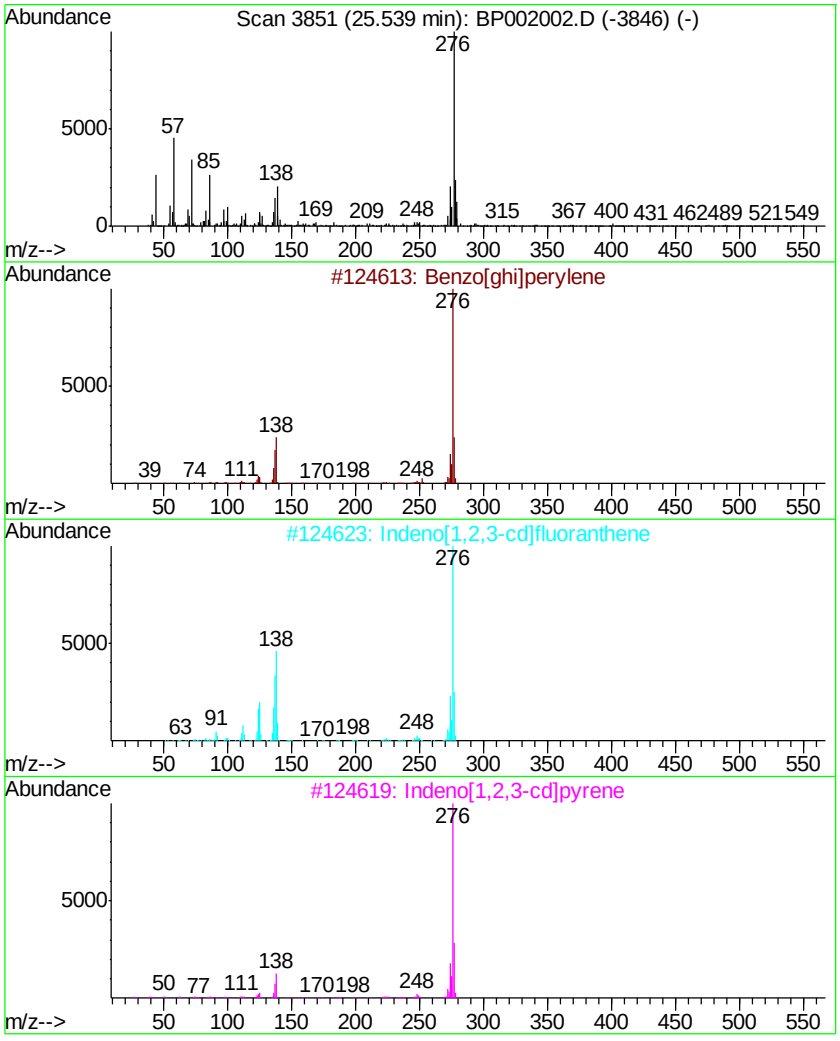
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

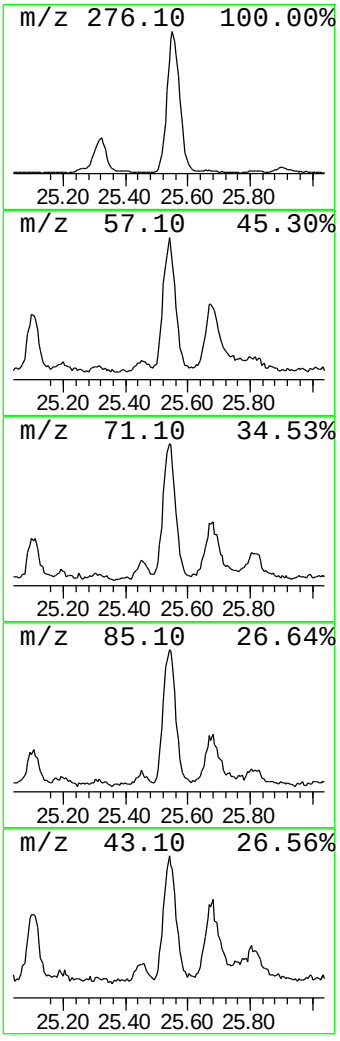
****

Peak Number 6 Indeno[1,2,3-cd]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	3.02 ng/ul	726049	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	89
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002002.D
Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

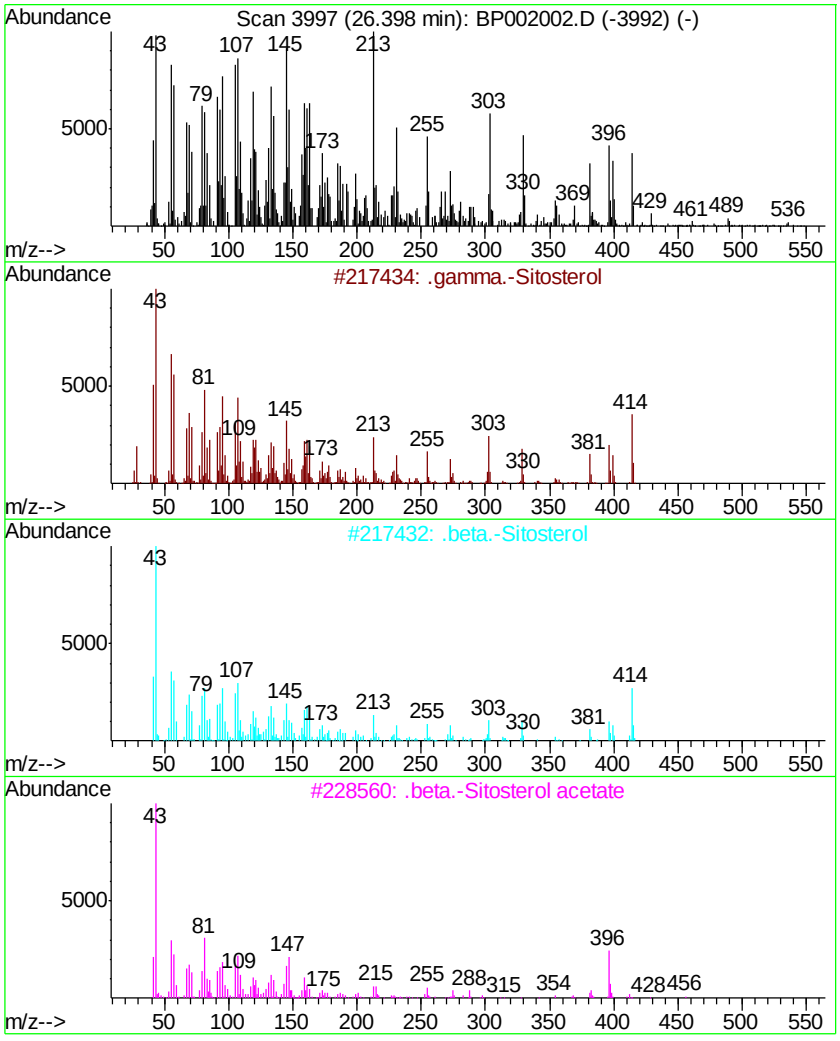
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

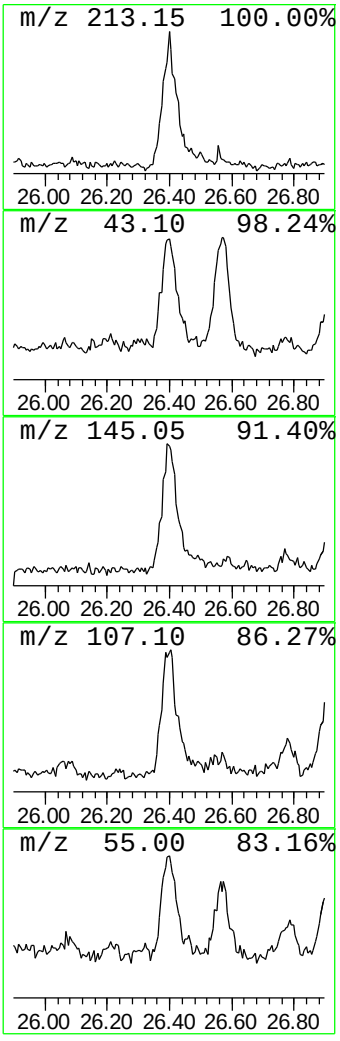
****

Peak Number 7 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	2.00 ng/ul	481864	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	87
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	53
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	43
4	Campesterol	400	C28H48O	000474-62-4	43
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030220\
Data File : BP002002.D
Acq On : 02 Mar 2020 22:40
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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...	2.92	30.9	ng/ul	2373480	1	7.64	1535960	20.0
n-Hexadecanoic acid	17.95	2.7	ng/ul	499431	4	17.03	3704900	20.0
1-Heneicosanol	20.86	4.0	ng/ul	945664	5	21.12	4761000	20.0
(DEL) Alkane: Str...	21.73	2.1	ng/ul	493430	5	21.12	4761000	20.0
(DEL) Alkane: Str...	23.92	3.0	ng/ul	713900	6	23.33	4809310	20.0
Indeno[1,2,3-cd]f...	25.54	3.0	ng/ul	726049	6	23.33	4809310	20.0
.gamma.-Sitosterol	26.40	2.0	ng/ul	481864	6	23.33	4809310	20.0