LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

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-BP021820MA.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	2.923	3	6	25	rVB	2169452	3155208	8.21%	1.631%
2	3.170	44	48	59	rVB	81335	118364	0.31%	0.061%
3	3.899	168	172	181	rVB	38616	58032	0.15%	0.030%
4	4.258	229	233	244	rVB2	27648	45035	0.12%	0.023%
5	4.799	320	325	334	rVB	55493	85771	0.22%	0.044%
6	5.734	477	484	490	rVB7	19321	41735	0.11%	0.022%
7	6.828	658	670	679	rBV	1544078	2430943	6.33%	1.257%
8	6.993	691	698	707	rBV	1210909	1904635	4.96%	0.985%
9	7.187	724	731	740	rBV	1654155	2610931	6.79%	1.350%
10	7.652	803	810	817	rBV	1352733	2126884	5.53%	1.100%
11	7.728	817	823	830	rVV	29375	47985	0.12%	0.025%
12	7.799	830	835	841	rVB	38516	59054	0.15%	0.031%
13	7.887	844	850	856	rBV3	20872	40242	0.10%	0.021%
14	8.358	922	930	942	rBV	1943526	3091432	8.04%	1.599%
15	8.793	992	1004	1012	rBV	1517739	2460120	6.40%	1.272%
16	8.893	1016	1021	1028	rVV3	21437	43237	0.11%	0.022%
17	8.975	1028	1035	1046	rVV	138639	212349	0.55%	0.110%
18	9.140	1056	1063	1070	rBV	76795	121682	0.32%	0.063%
19	9.287	1082	1088	1097	rBV	85577	164073	0.43%	0.085%
20	9.511	1118	1126	1135	rBV	1243706	2039295	5.31%	1.054%
21	10.052	1210	1218	1230	rBV	2047797	3470749	9.03%	1.795%
22	10.422	1274	1281	1288	rBV	1936426	3204426	8.34%	1.657%
23	10.558	1296	1304	1321	rBV	1932995	3293074	8.57%	1.703%
24	11.887	1522	1530	1536	rVB5	19894	44111	0.11%	0.023%
25	12.016	1546	1552	1559	rVB2	46885	81994	0.21%	0.042%
26	13.704	1832	1839	1843	rVV	3702763	5072946	13.20%	2.623%
27	13.746	1843	1846	1852	rVB	241972	334538	0.87%	0.173%
28	13.975	1878	1885	1897	rBV	4424351	6547367	17.04%	3.385%
29	14.287	1931	1938	1945	rBV2	2997407	4482699	11.66%	2.318%
30	14.487	1963	1972	1982	rBV	1567051	2338135	6.08%	1.209%
31	15.287	2101	2108	2114	rBV	5605545	8066865	20.99%	4.171%
32	15.340	2114	2117	2121	rVB	27557	38747	0.10%	0.020%
33	15.404	2122	2128	2137	rBV	1330998	1903320	4.95%	0.984%
34	15.528	2144	2149	2153	rVB	66494	93192	0.24%	0.048%

LSC Area Percent Report

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Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

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-BP021820MA.M
Title : SVOA CALIBRATION

35	15.981	2217	2226	2230	rBV	47265	82329	0.21%	0.043%
36	16.075	2239	2242	2249	rVB2	31262	48528	0.13%	0.025%
37	16.598	2326	2331	2338	rVB2	32040	55091	0.14%	0.028%
38	16.998	2394	2399	2401	rVV	84860	113613	0.30%	0.059%
39	17.040	2401	2406	2411	rVV	4113951	5572337	14.50%	2.881%
40	17.081	2411	2413	2417	rVV	263109	300053	0.78%	0.155%
41	17.140	2417	2423	2434	rVB	5808455	8519195	22.17%	4.405%
42	17.457	2471	2477	2483	rVB3	58926	99807	0.26%	0.052%
43	17.916	2548	2555	2559	rBV2	61561	110313	0.29%	0.057%
44	17.963	2559	2563	2568	rVV	62896	95531	0.25%	0.049%
45	18.022	2569	2573	2580	rVV2	63578	108609	0.28%	0.056%
46	18.098	2582	2586	2590	rVV2	54406	82104	0.21%	0.042%
47	18.139	2590	2593	2596	rVB	41512	51539	0.13%	0.027%
48	18.251	2606	2612	2617	rBV4	89332	142306	0.37%	0.074%
49	18.387	2631	2635	2636	rBV2	40898	50441	0.13%	0.026%
50	18.804	2701	2706	2711	rBV3	72282	125224	0.33%	0.065%
51	18.887	2715	2720	2726	rVB2	200491	276050	0.72%	0.143%
52	18.939	2726	2729	2738	rVB3	33073	65343	0.17%	0.034%
53	19.028	2740	2744	2746	rVV	85246	119679	0.31%	0.062%
54	19.057	2746	2749	2758	rVB	460516	572122	1.49%	0.296%
55	19.275	2782	2786	2795	rVB2	67729	113347	0.29%	0.059%
56	19.386	2798	2805	2816	rVV	7582349	11125736	28.95%	5.753%
57	19.733	2860	2864	2869	rBV4	29955	53118	0.14%	0.027%
58	19.869	2883	2887	2888	rBV4	27976	40201	0.10%	0.021%
59	19.898	2888	2892	2895	rVV3	66479	129525	0.34%	0.067%
60	19.951	2899	2901	2904	rVV	45748	43857	0.11%	0.023%
61	19.998	2906	2909	2912	rVB	33975	40350	0.10%	0.021%
62	20.051	2914	2918	2920	rVV2	44638	63493	0.17%	0.033%
63	20.092	2922	2925	2930	rVB3	80840	118316	0.31%	0.061%
64	20.228	2945	2948	2950	rBV2	52596	65862	0.17%	0.034%
65	20.251	2950	2952	2956	rVV3	78583	93802	0.24%	0.049%
66	20.292	2956	2959	2964	rVV6	30353	49259	0.13%	0.025%
67	20.433	2980	2983	2986	rBV	69829	69782	0.18%	0.036%
68	20.622	3013	3015	3022	rVB	53809	68491	0.18%	0.035%
69	20.875	3053	3058	3077	rVV	1500019	2167811	5.64%	1.121%
70	21.069	3089	3091	3095	rVB	70115	72227	0.19%	0.037%
71	21.133	3095	3102	3106	rBV	5440414	7061578	18.38%	3.651%

LSC Area Percent Report

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Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

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-BP021820MA.M
Title : SVOA CALIBRATION

72	21.169	3106	3108	3117	rVB	260890	303487	0.79%	0.157%
73	21.245	3118	3121	3128	rBV	204057	300733	0.78%	0.156%
74	21.310	3129	3132	3137	rVV	389971	415660	1.08%	0.215%
75	21.745	3201	3206	3217	rBV2	885113	1288649	3.35%	0.666%
76	21.998	3245	3249	3253	rVB	158601	186661	0.49%	0.097%
77	22.210	3280	3285	3294	rVB	844188	1182210	3.08%	0.611%
78	22.333	3302	3306	3312	rVB	293550	405632	1.06%	0.210%
79	22.433	3318	3323	3333	rVB	734069	1014344	2.64%	0.524%
80	22.716	3367	3371	3375	rBV	1275432	1955540	5.09%	1.011%
81	22.751	3375	3377	3389	rVB	1147589	1710460	4.45%	0.884%
82	23.210	3447	3455	3464	rBV	5434604	10468116	27.24%	5.413%
83	23.286	3464	3468	3472	rVV	825142	1303723	3.39%	0.674%
84	23.345	3472	3478	3495	rVB	3534277	6694475	17.42%	3.462%
85	23.592	3515	3520	3528	rVB	557469	993493	2.59%	0.514%
86	23.939	3573	3579	3586	rBV	1328532	2655337	6.91%	1.373%
87	24.016	3586	3592	3607	rVB	893760	1798090	4.68%	0.930%
88	24.692	3696	3707	3718	rVB	566092	1675079	4.36%	0.866%
89	25.580	3850	3858	3868	rVB2	596090	1685046	4.38%	0.871%
90	25.716	3875	3881	3890	rVB2	182489	503828	1.31%	0.261%
91	26.421	3994	4001	4019	rVB2	529544	1656747	4.31%	0.857%
92	27.163	4119	4127	4137	rBV3	449546	1452428	3.78%	0.751%
93	27.762	4213	4229	4240	rBV2	699247	3513332	9.14%	1.817%
94	27.892	4243	4251	4263	rVB4	1059795	3790012	9.86%	1.960%
95	28.104	4273	4287	4298	rVB	2485621	9278057	24.14%	4.797%
96	28.615	4367	4374	4382	rBV3	275903	938018	2.44%	0.485%
97	28.768	4383	4400	4416	rVB	9014634	38429444	100.00%	19.871%

Sum of corrected areas: 193394740

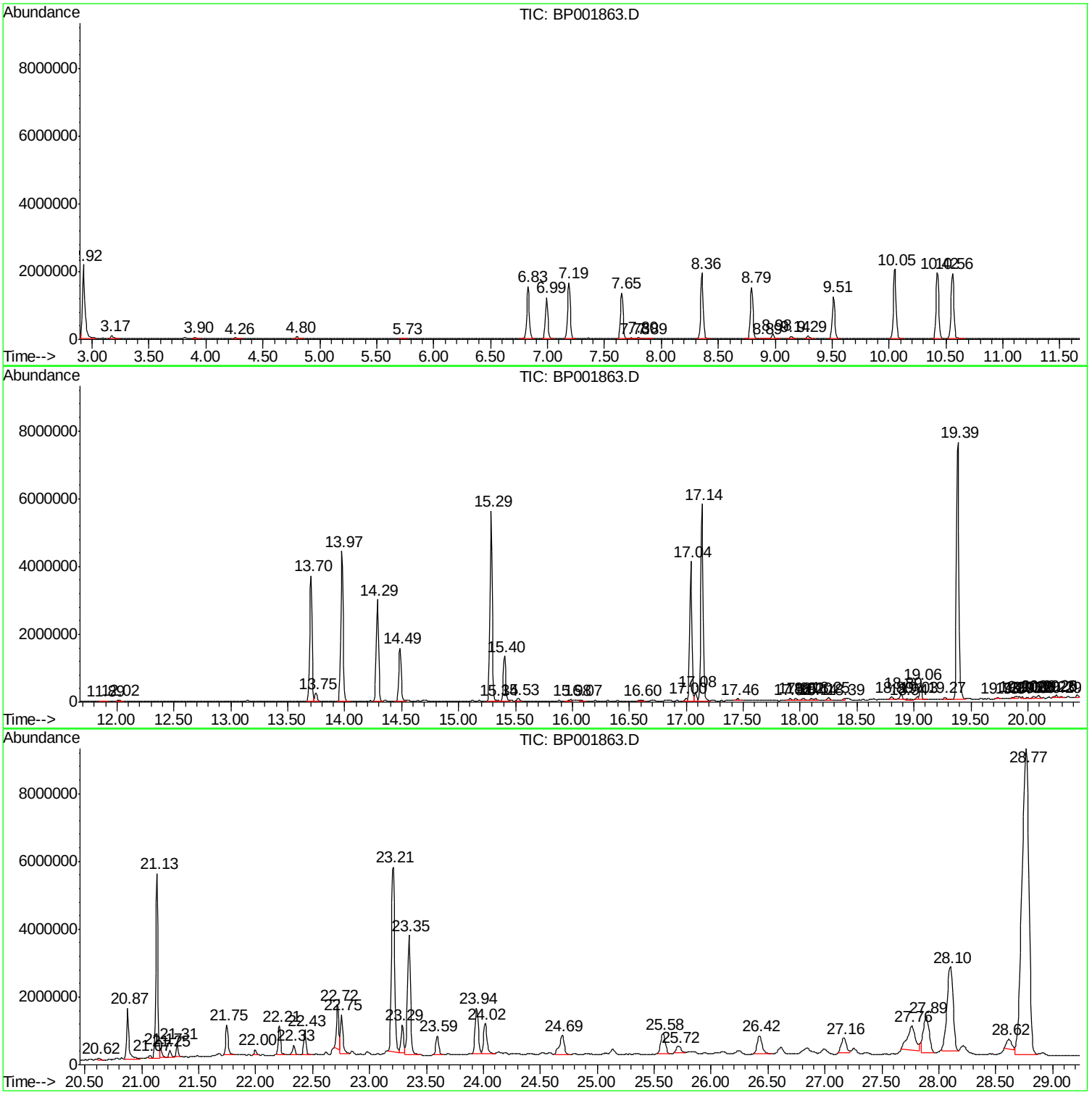
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

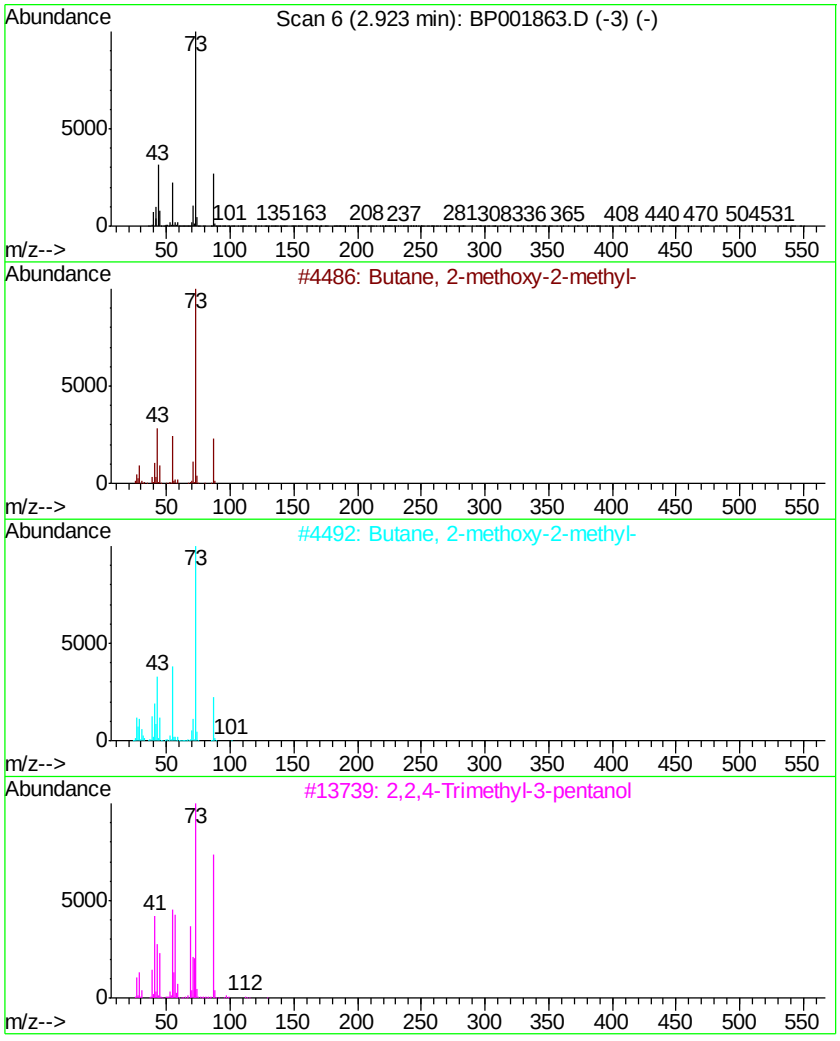
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

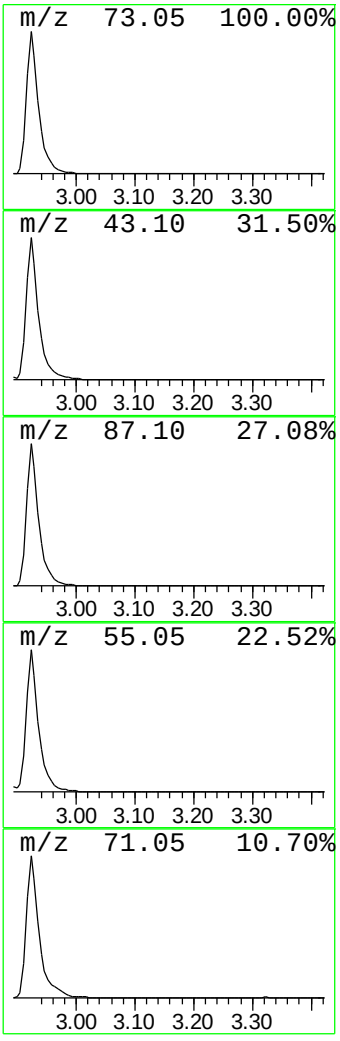
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	29.67 ng/ul	3155210	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	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 P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

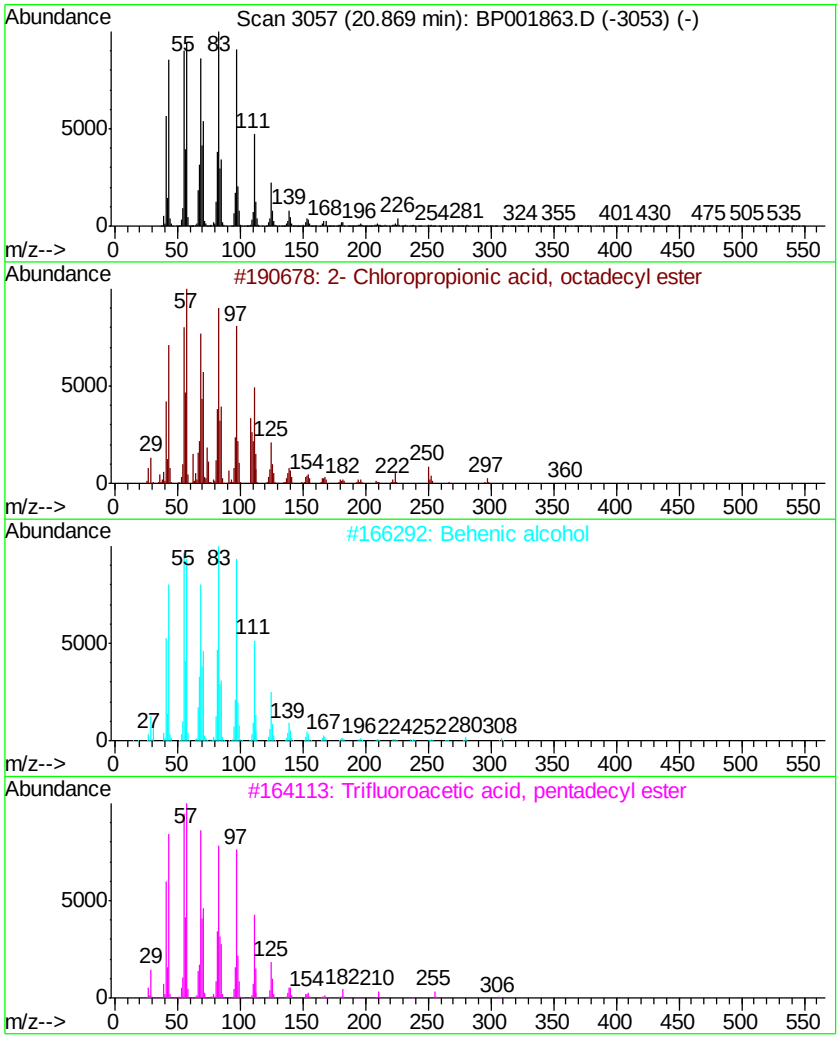
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

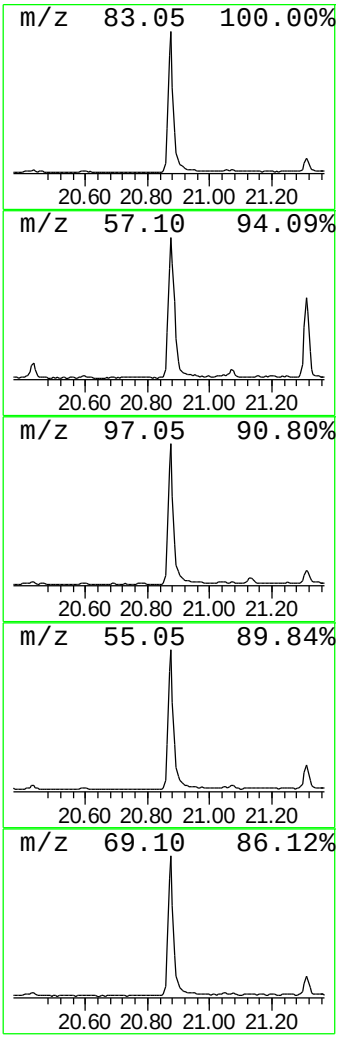
****

Peak Number 2 2- Chloropropionic acid, oc... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.14 ng/ul	2167810	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

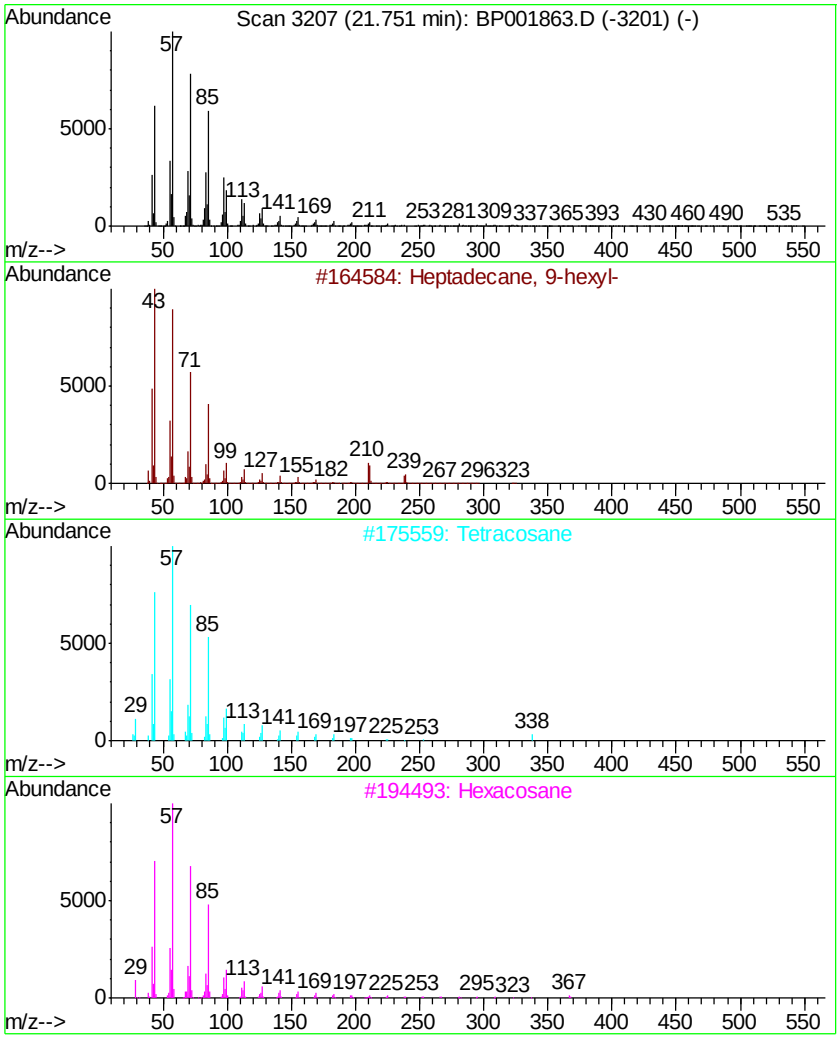
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

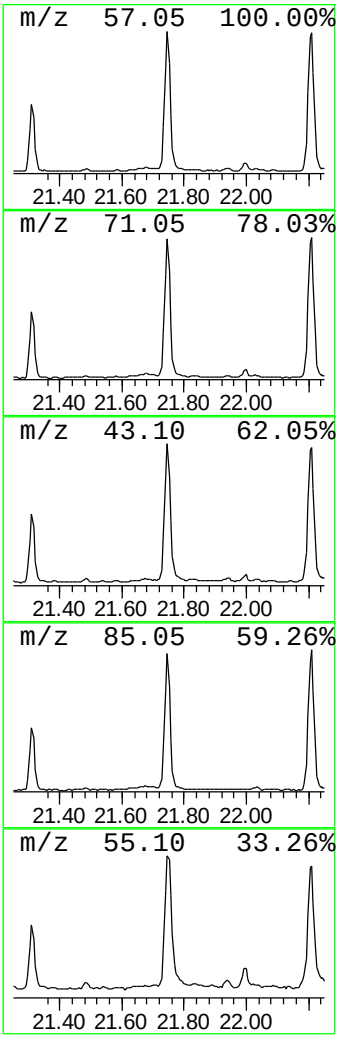
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	3.65 ng/ul	1288650	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

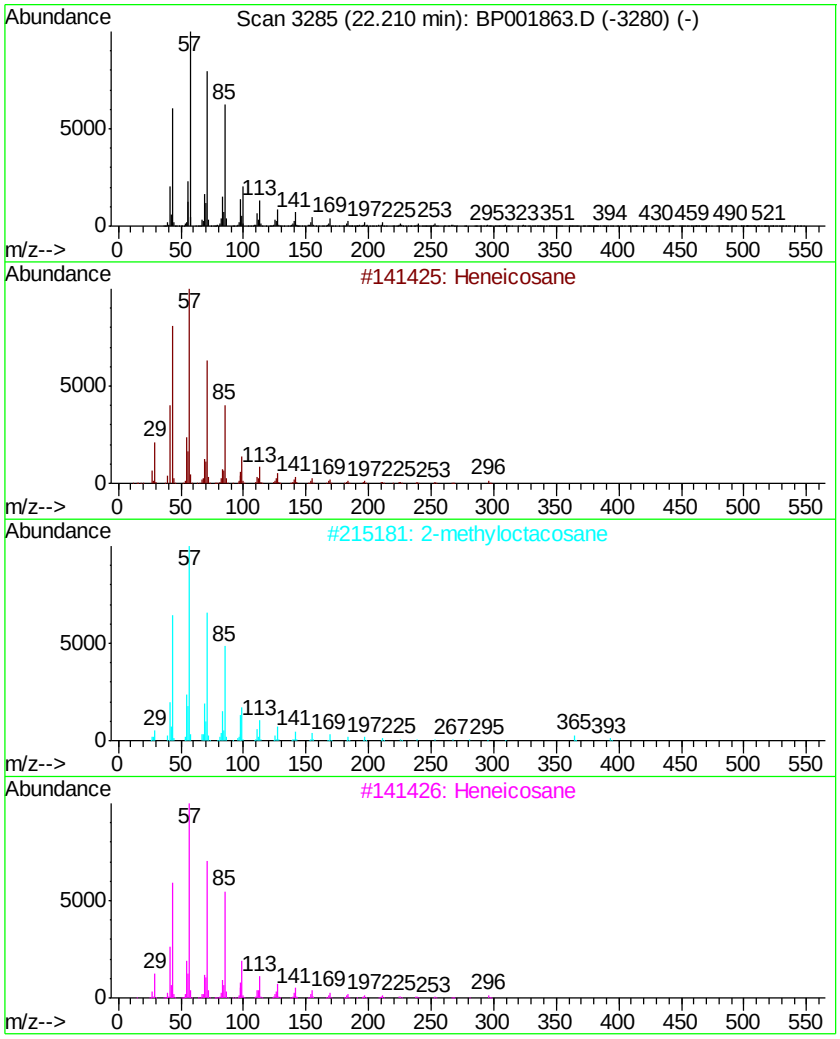
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

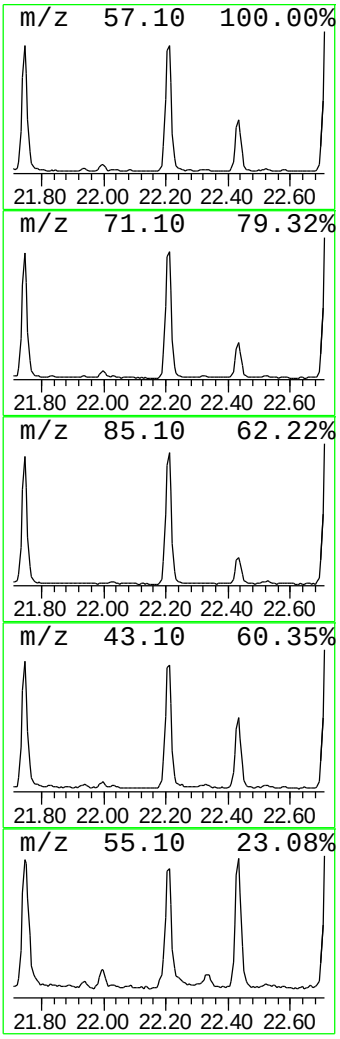
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	3.35 ng/ul	1182210	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

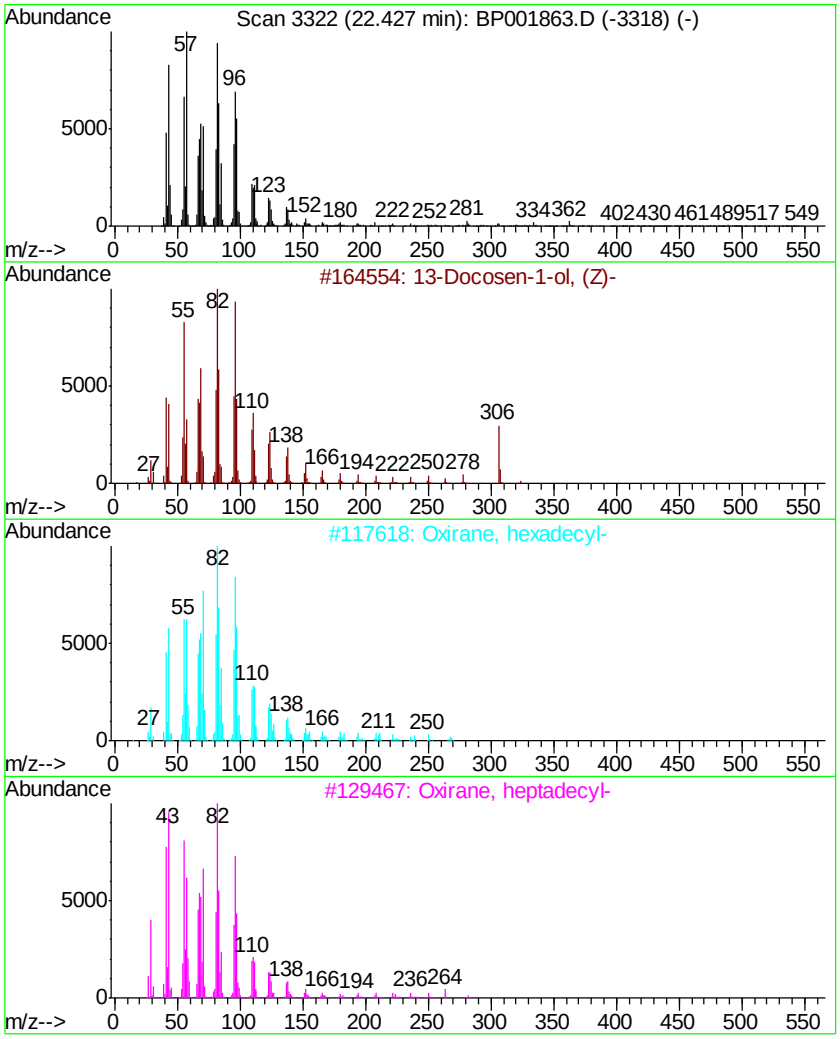
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

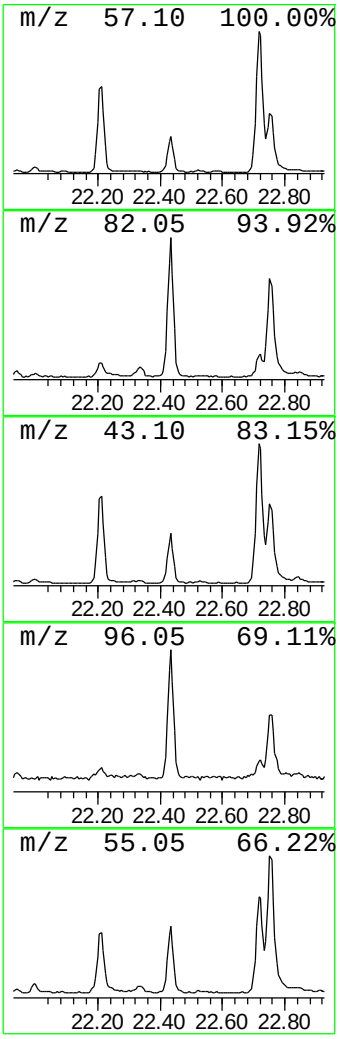
****

Peak Number 5 13-Docosen-1-ol, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	3.03 ng/ul	1014340	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	92
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

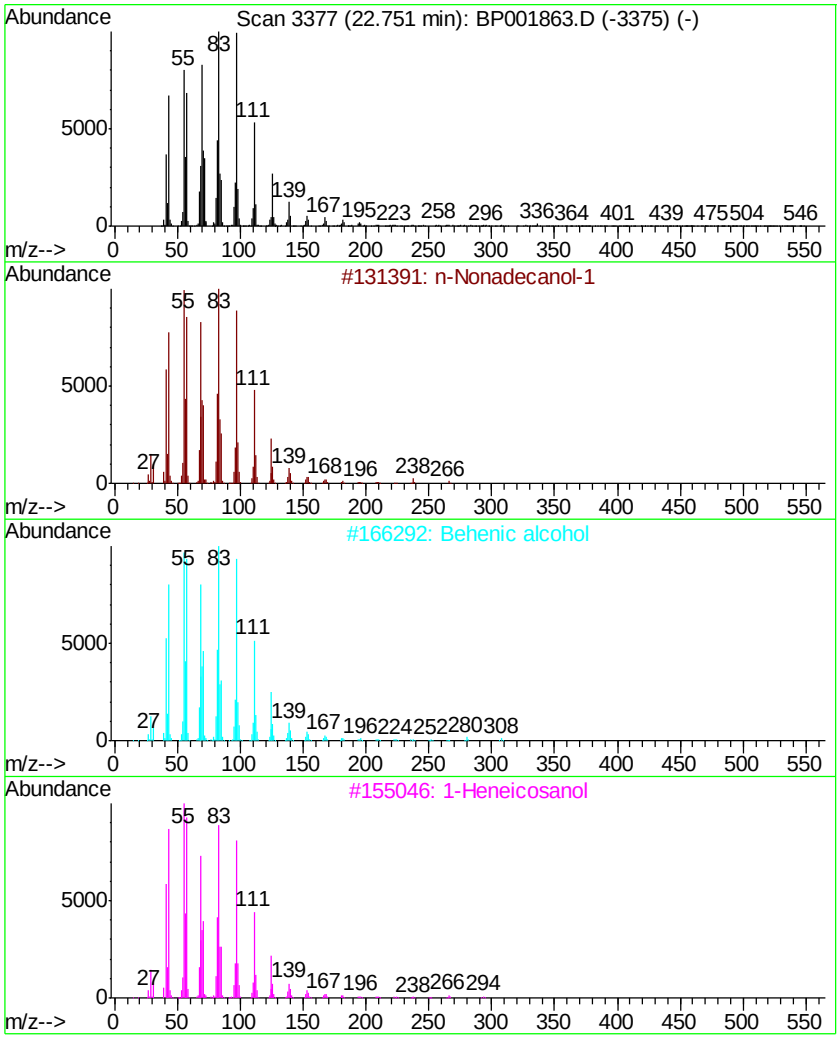
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

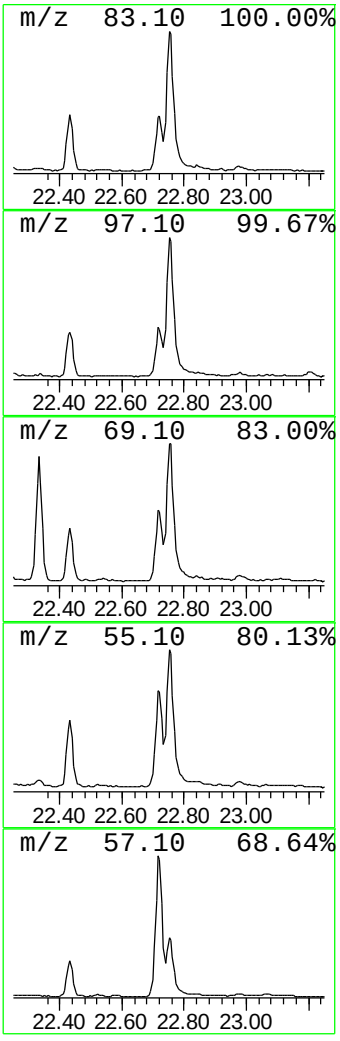
****

Peak Number 6 n-Nonadecanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	5.11 ng/ul	1710460	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	1-Octadecanol	270	C18H38O	000112-92-5	83





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Misc :
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Instrument : BNA_P
ClientSampleId : CB6S5

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Quant Title : SVOA CALIBRATION

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

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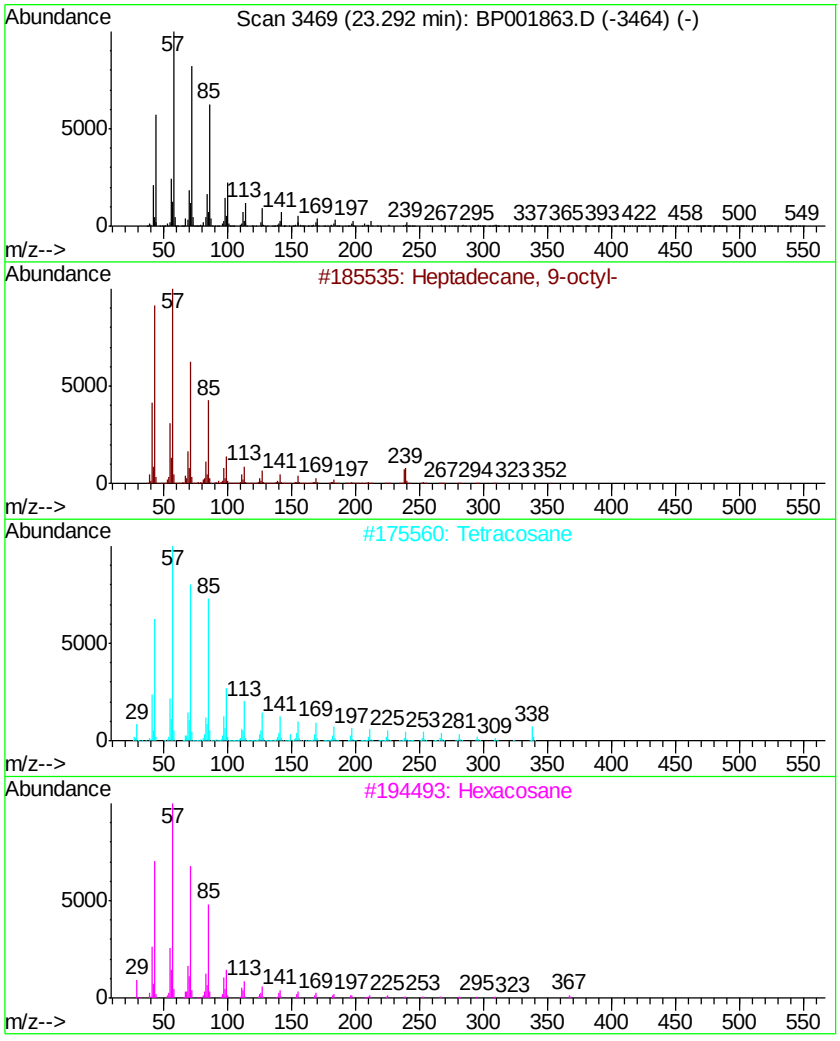
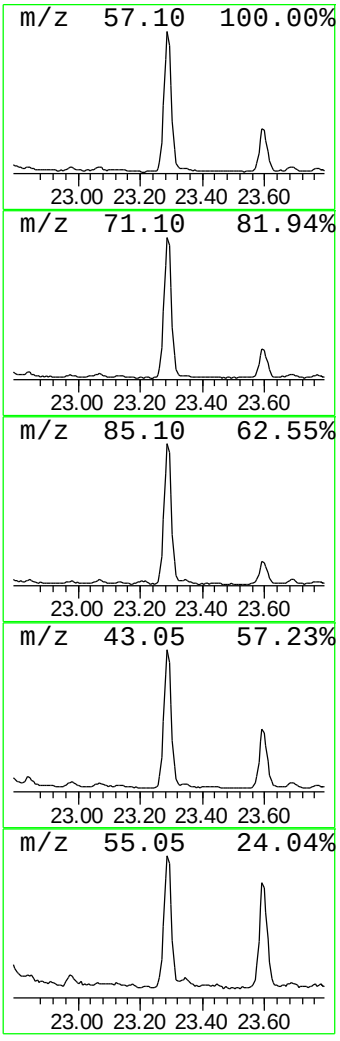
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.89 ng/ul	1303720	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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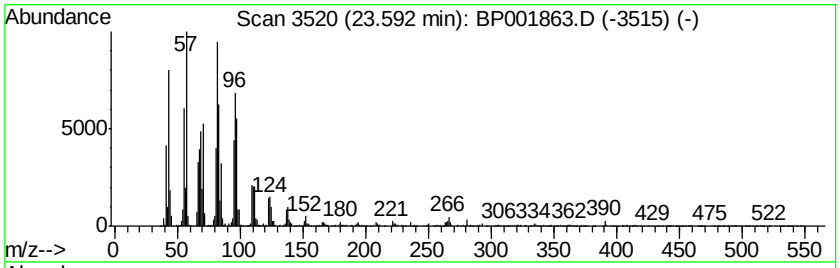
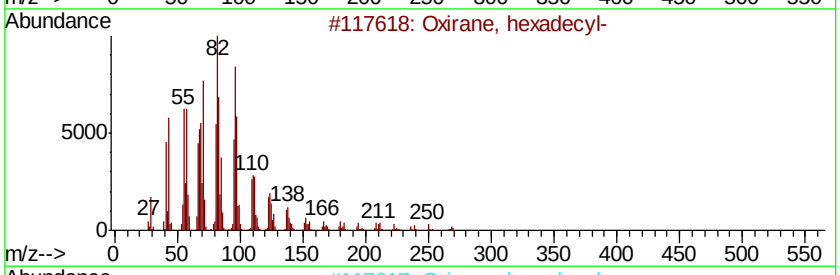
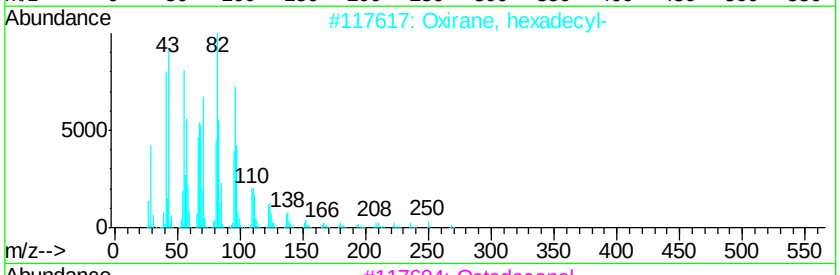
Peak Number 8 Oxirane, hexadecyl- Concentration Rank 18

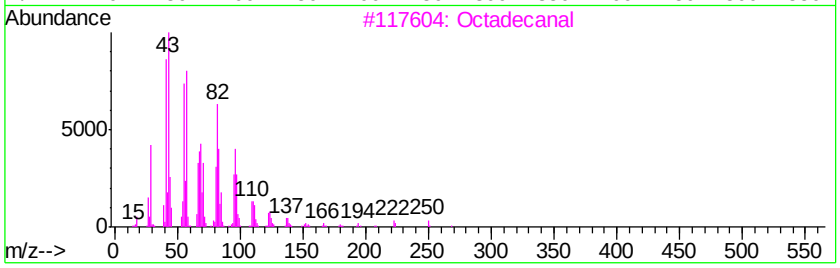
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	2.97 ng/ul	993493	Perylene-d12	23.35

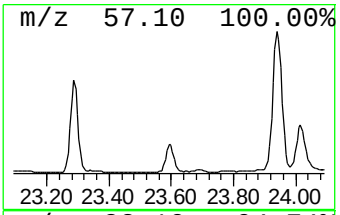
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91

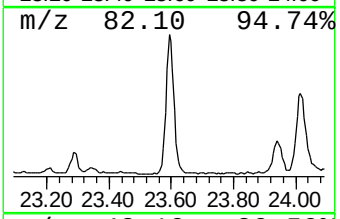


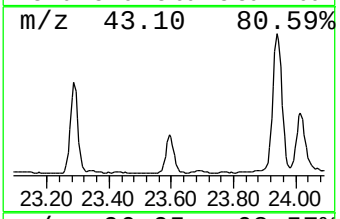


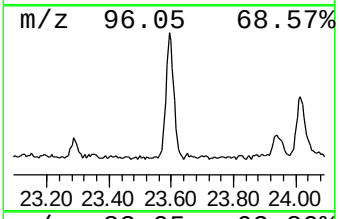


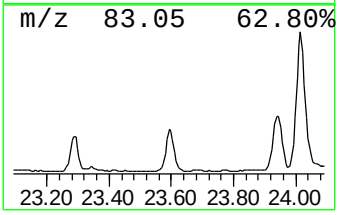












Library Search Compound Report

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Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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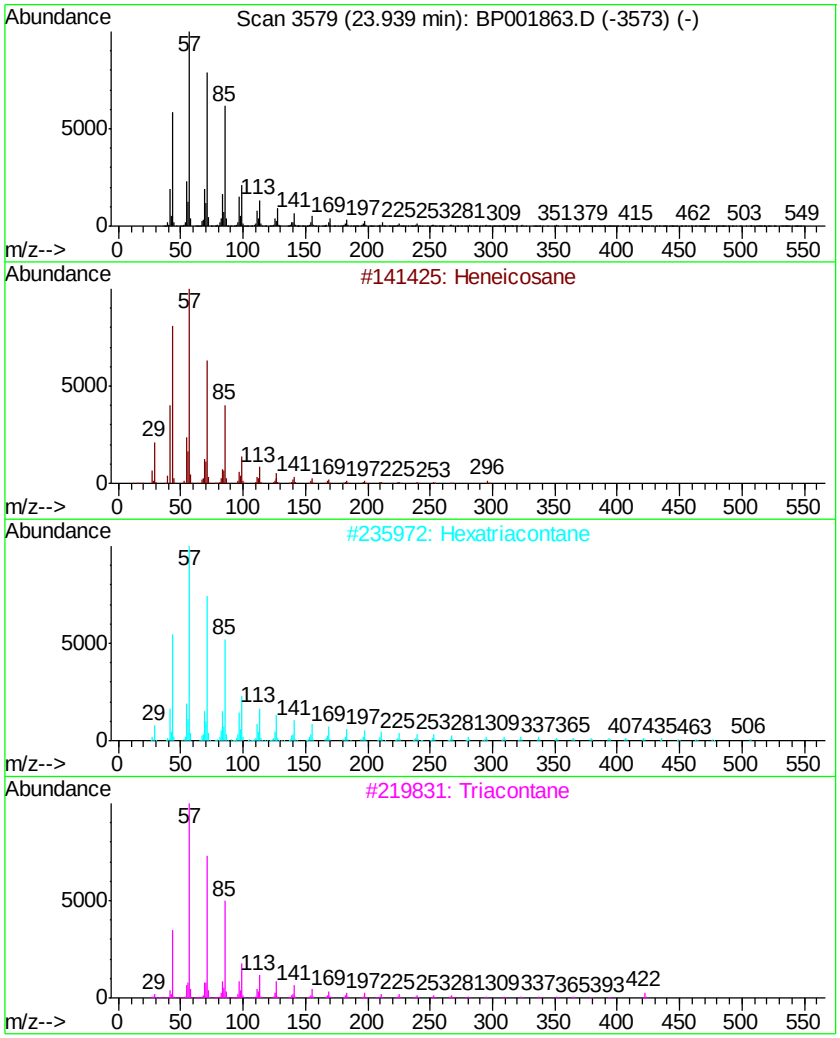
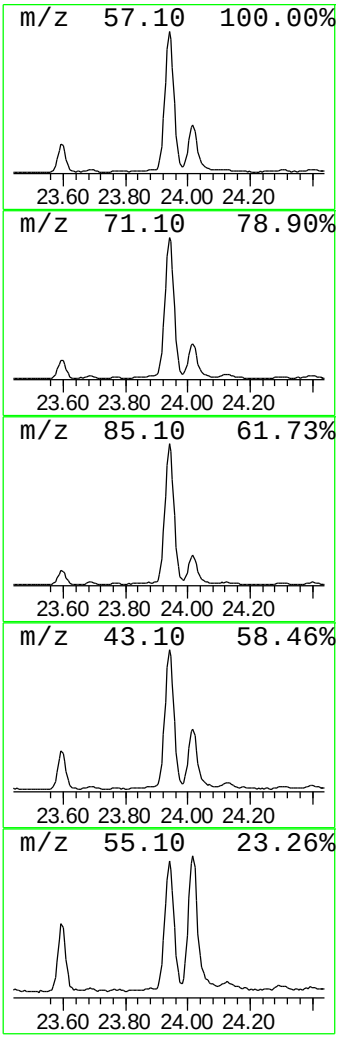
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	7.93 ng/ul	2655340	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexatriacontane	507	C36H74	000630-06-8	96
3	Triacontane	422	C30H62	000638-68-6	94
4	Hexatriacontane	507	C36H74	000630-06-8	94
5	Octacosane	394	C28H58	000630-02-4	94





Library Search Compound Report

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Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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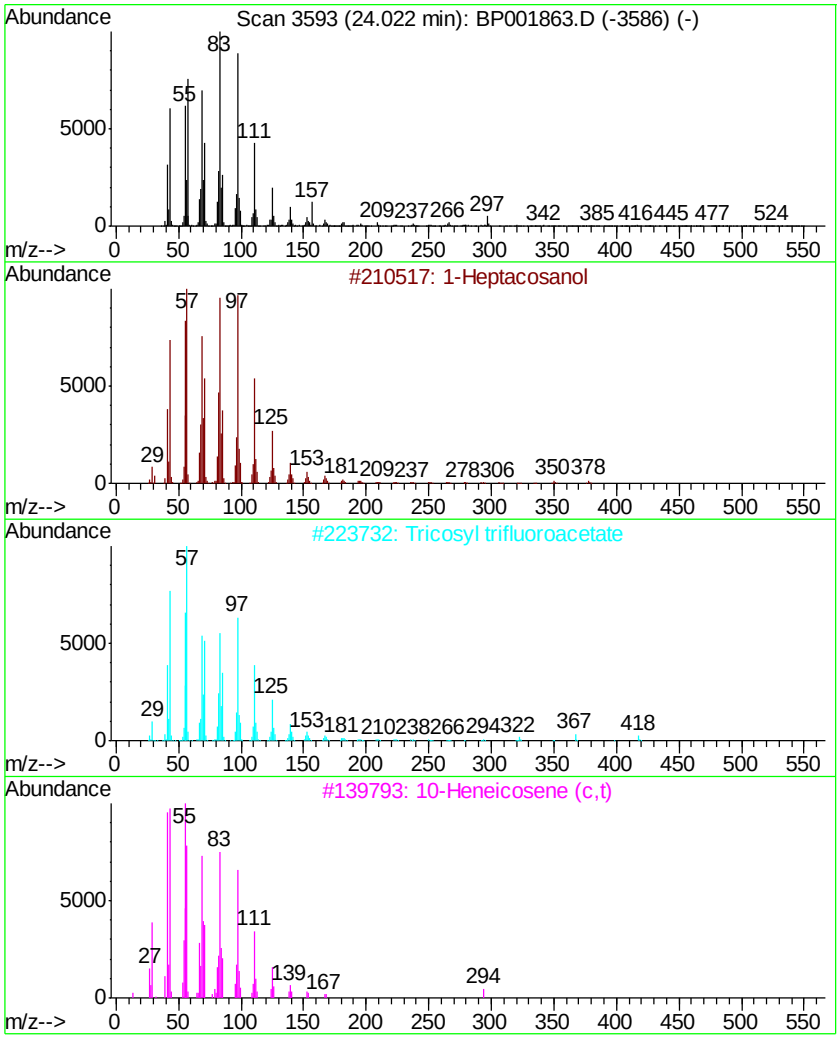
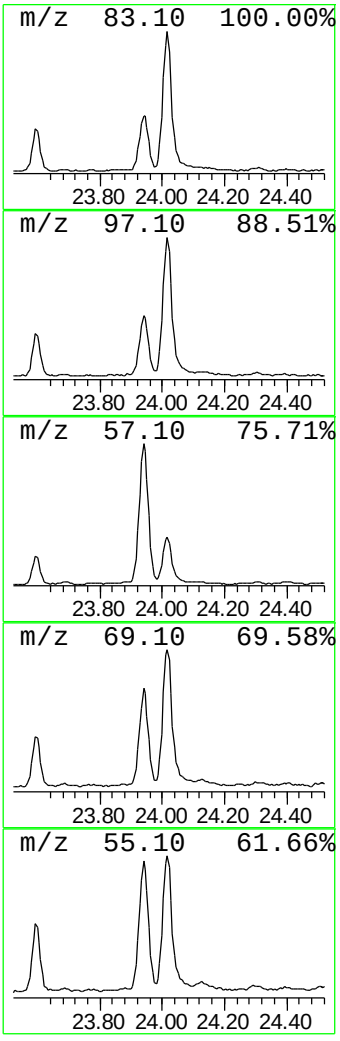
Peak Number 10 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	5.37 ng/ul	1798090	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	92
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	90
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	86
5	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	80





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Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

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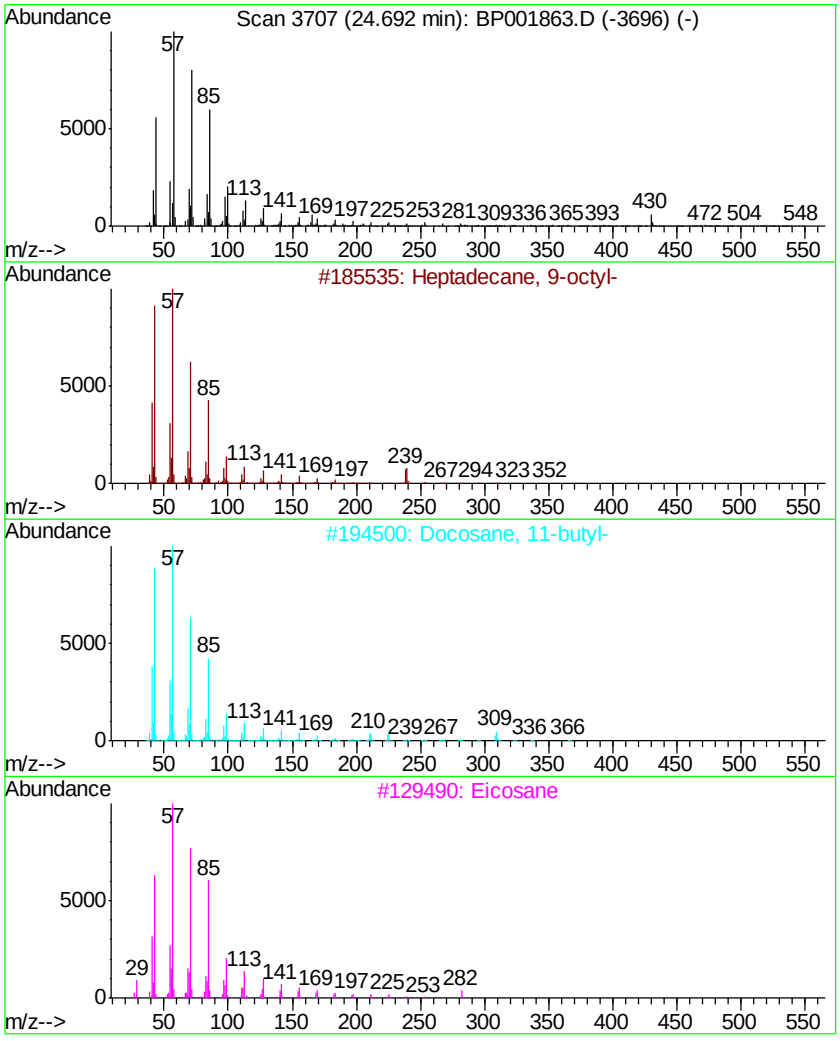
Quant Title : SVOA CALIBRATION

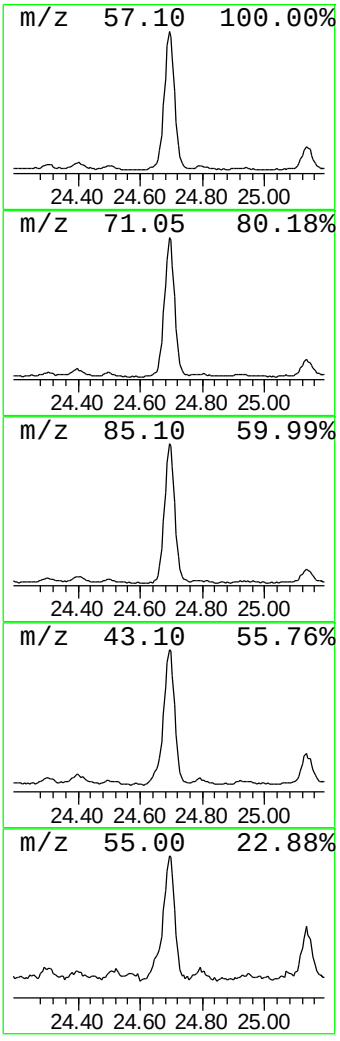
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	5.00 ng/ul	1675080	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Eicosane	282	C20H42	000112-95-8	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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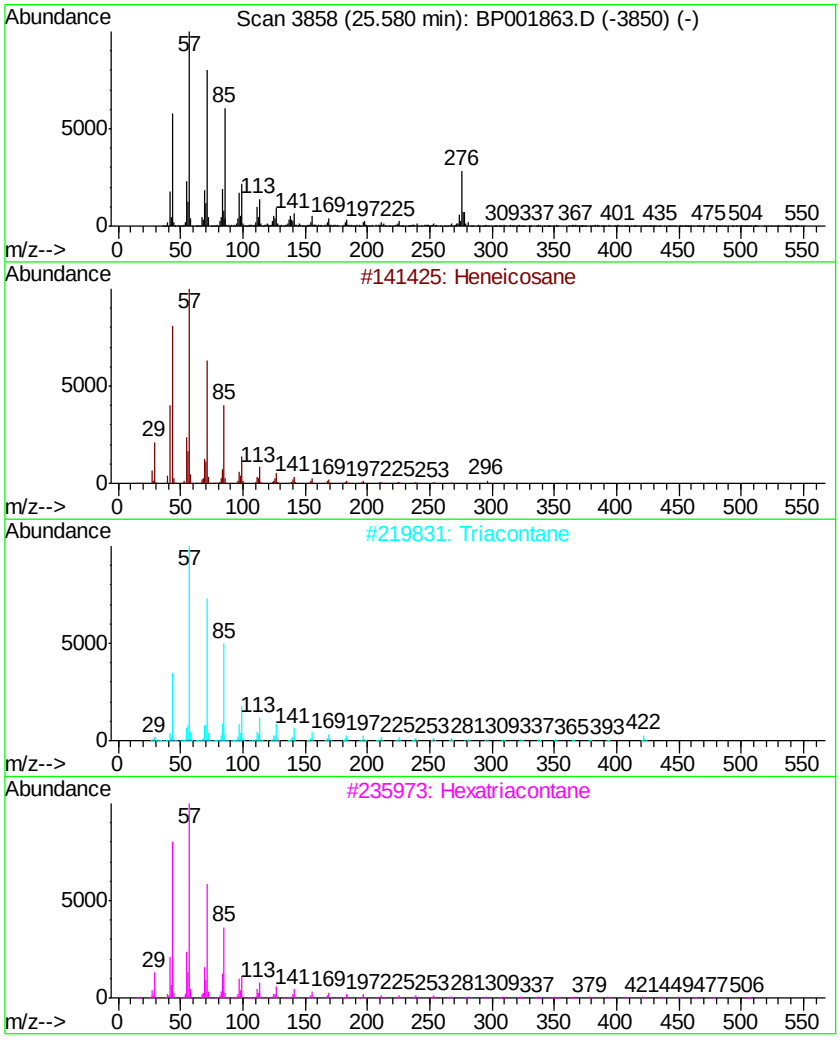
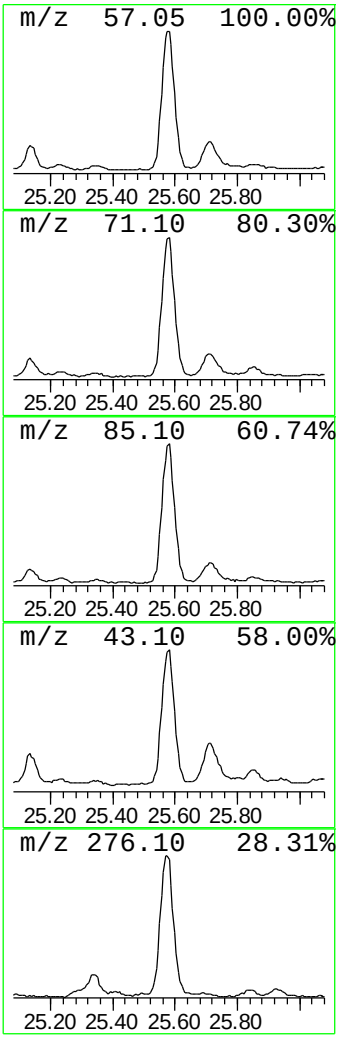
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.58	5.03 ng/ul	1685050	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Triacontane	422	C30H62	000638-68-6	97
3	Hexatriacontane	507	C36H74	000630-06-8	89
4	Hexatriacontane	507	C36H74	000630-06-8	86
5	Hexacosane	366	C26H54	000630-01-3	81





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Misc :
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Instrument : BNA_P
ClientSampleId : CB6S5

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Quant Title : SVOA CALIBRATION

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

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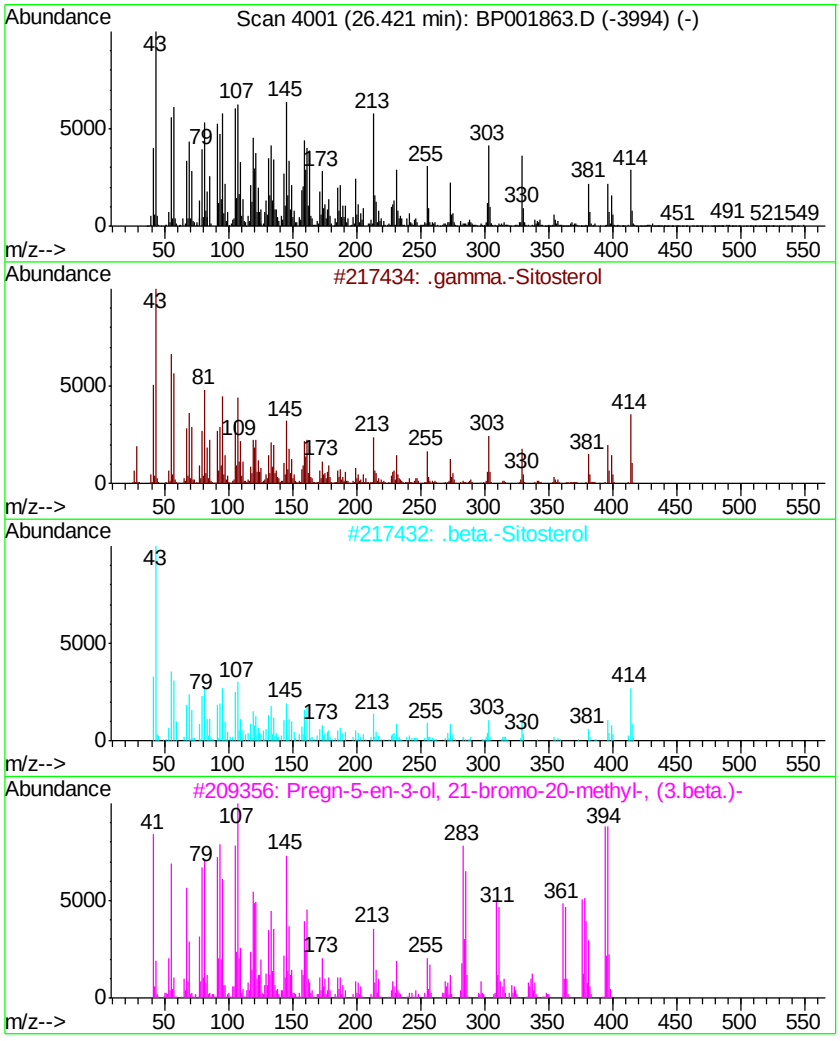
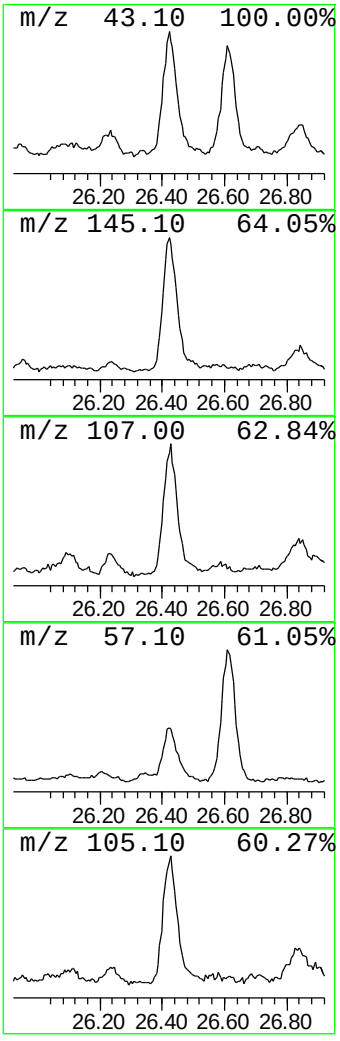
Peak Number 13 .gamma.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	4.95 ng/ul	1656750	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	90
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	83
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	56





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ClientSampleId : CB6S5

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Quant Title : SVOA CALIBRATION

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

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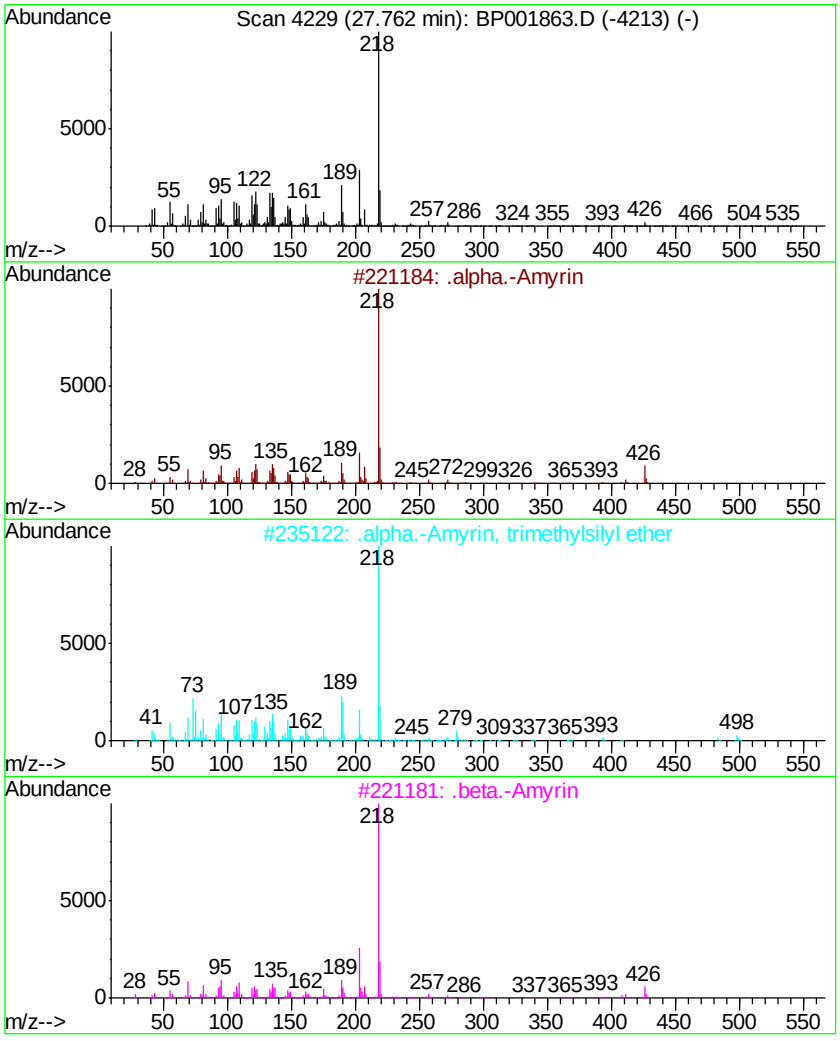
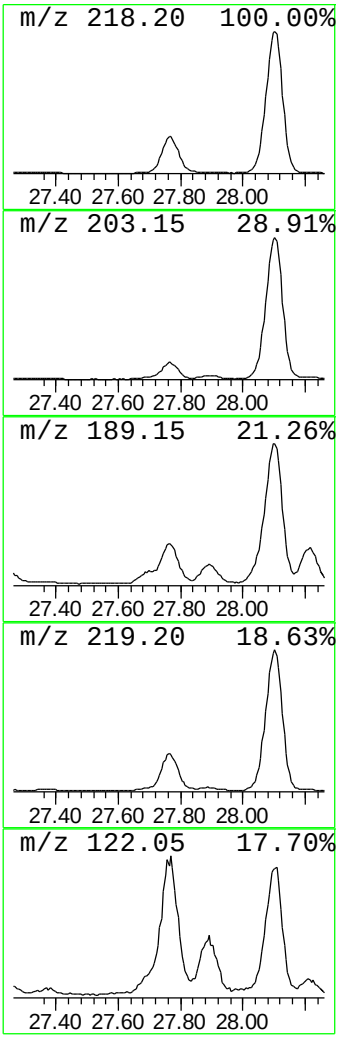
Peak Number 15 .alpha.-Amyrin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.76	10.50 ng/ul	3513330	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Amyrin	426	C30H50O	000638-95-9	93
2	.alpha.-Amyrin, trimethylsilyl e...	498	C33H58OSi	1000374-76-6	90
3	.beta.-Amyrin	426	C30H50O	000559-70-6	74
4	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	70
5	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	70





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

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Quant Title : SVOA CALIBRATION

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

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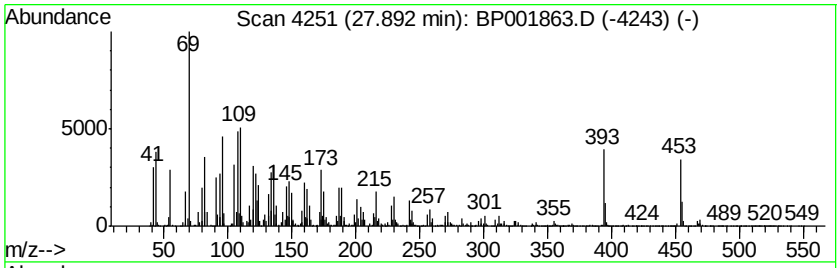
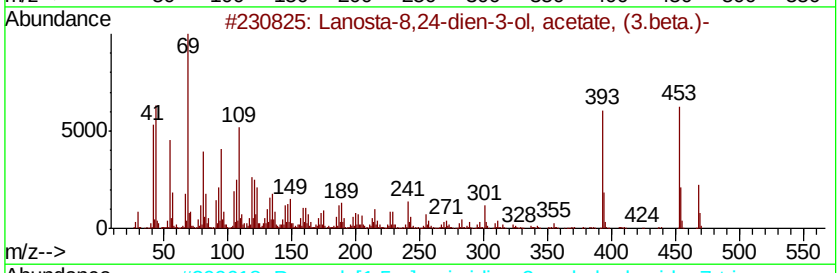
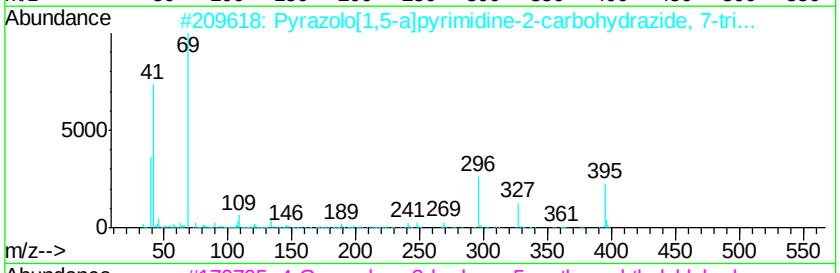
Peak Number 16 unknown-01 Concentration Rank 4

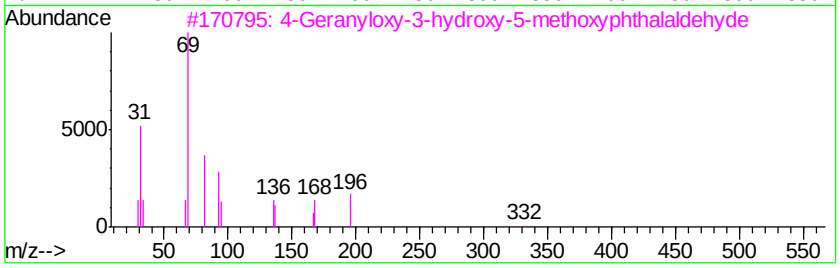
R.T.	EstConc	Area	Relative to ISTD	R.T.
27.89	11.32 ng/ul	3790010	Perylene-d12	23.35

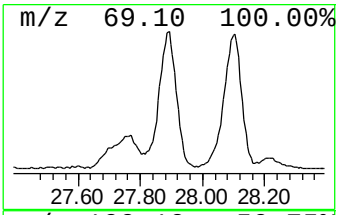
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lanosta-8,24-dien-3-ol, acetate,...	468	C32H52O2	002671-68-3	10
2	Pyrazolo[1,5-a]pyrimidine-2-carb...	395	C16H12F3N5O2S	309281-07-0	9
3	4-Geranyloxy-3-hydroxy-5-methoxy...	332	C19H24O5	076878-70-1	9
4	Methyl 2-hydroxydecanoate	202	C11H22O3	071271-24-4	4
5	Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	033281-91-3	4

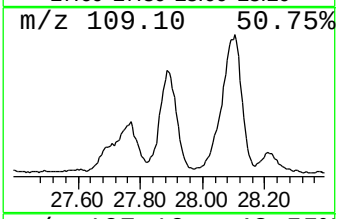


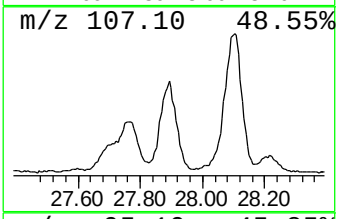


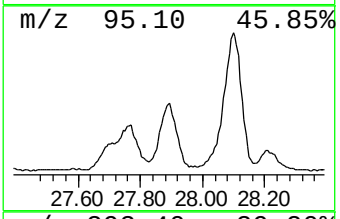


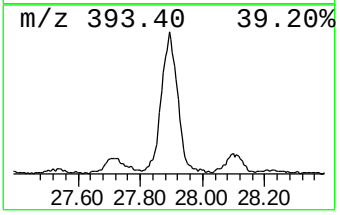












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Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

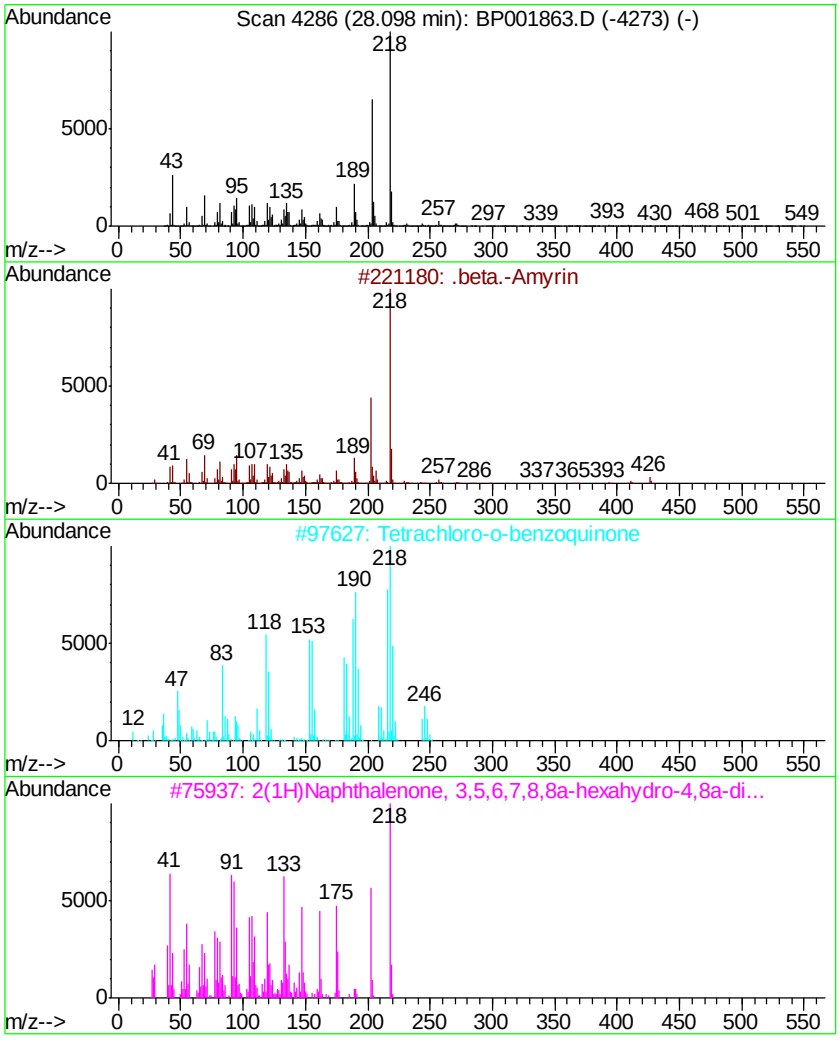
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

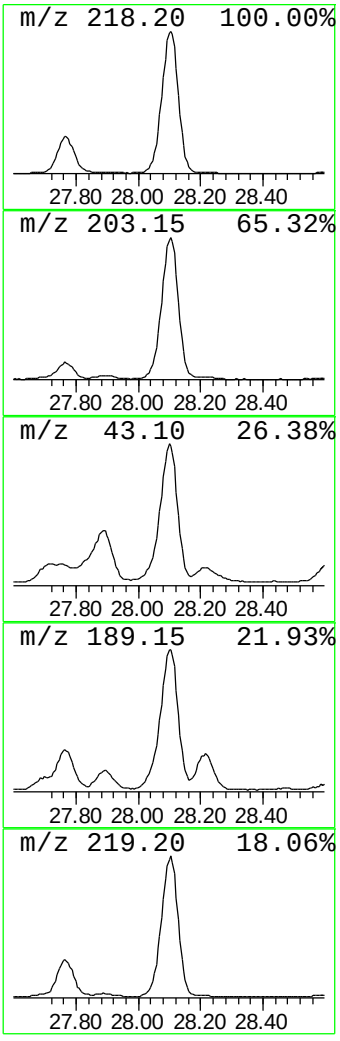
****

Peak Number 17 .beta.-Amyrin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.10	27.72 ng/ul	9278060	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	90
2	Tetrachloro-o-benzoquinone	244	C6Cl4O2	002435-53-2	90
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	68
4	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	64
5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	62





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Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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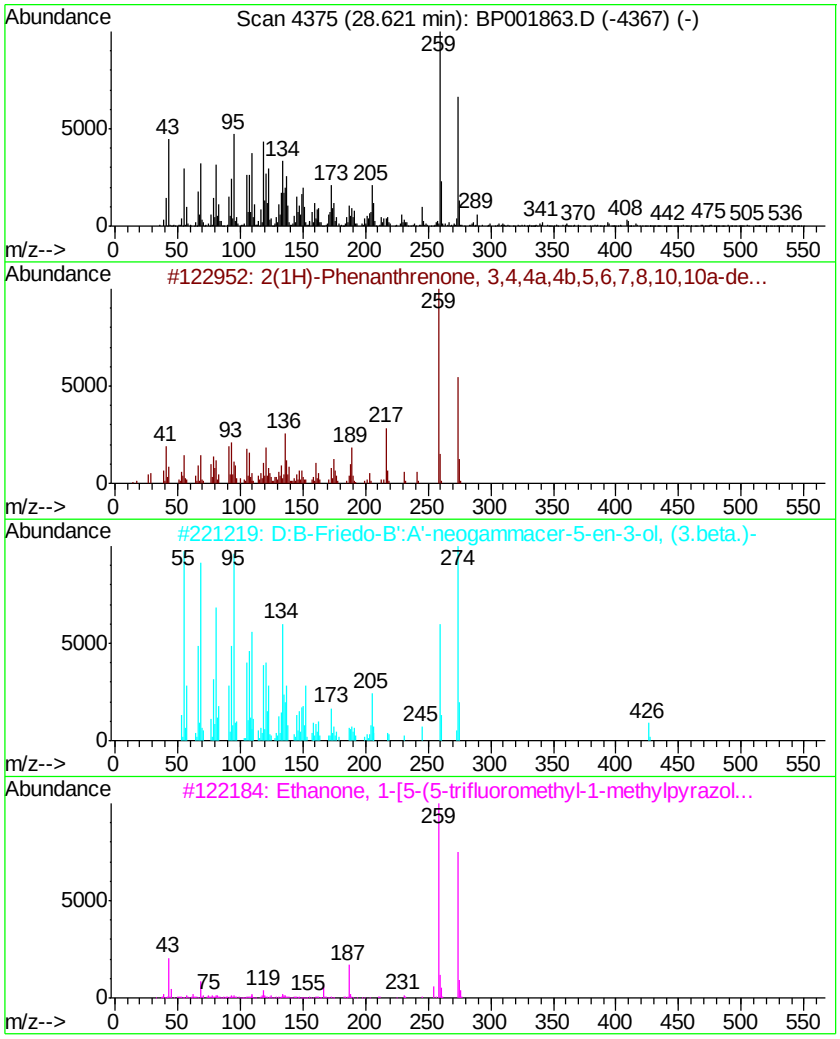
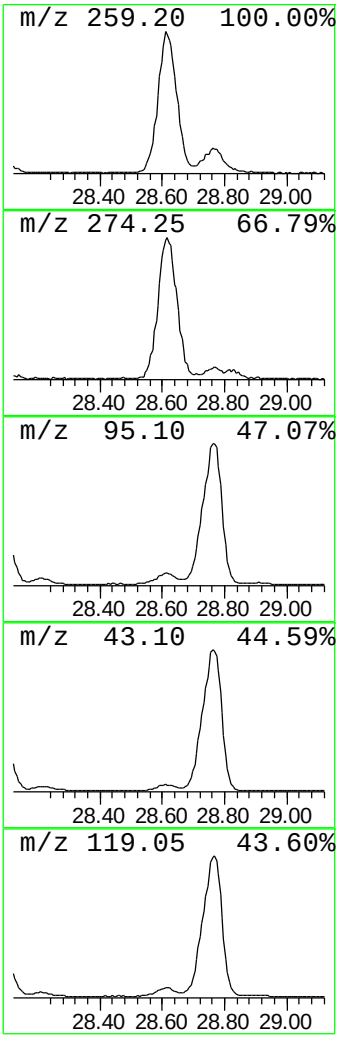
Peak Number 18 2(1H)-Phenanthrenone, 3,4,4... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.62	2.80 ng/ul	938018	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	64
2	D:B-Friedo-B':A'-neogammacer-5-e...	426	C30H50O	001615-94-7	46
3	Ethanone, 1-[5-(5-trifluoromethy...	274	C11H9F3N2OS	1000266-44-5	38
4	10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	38
5	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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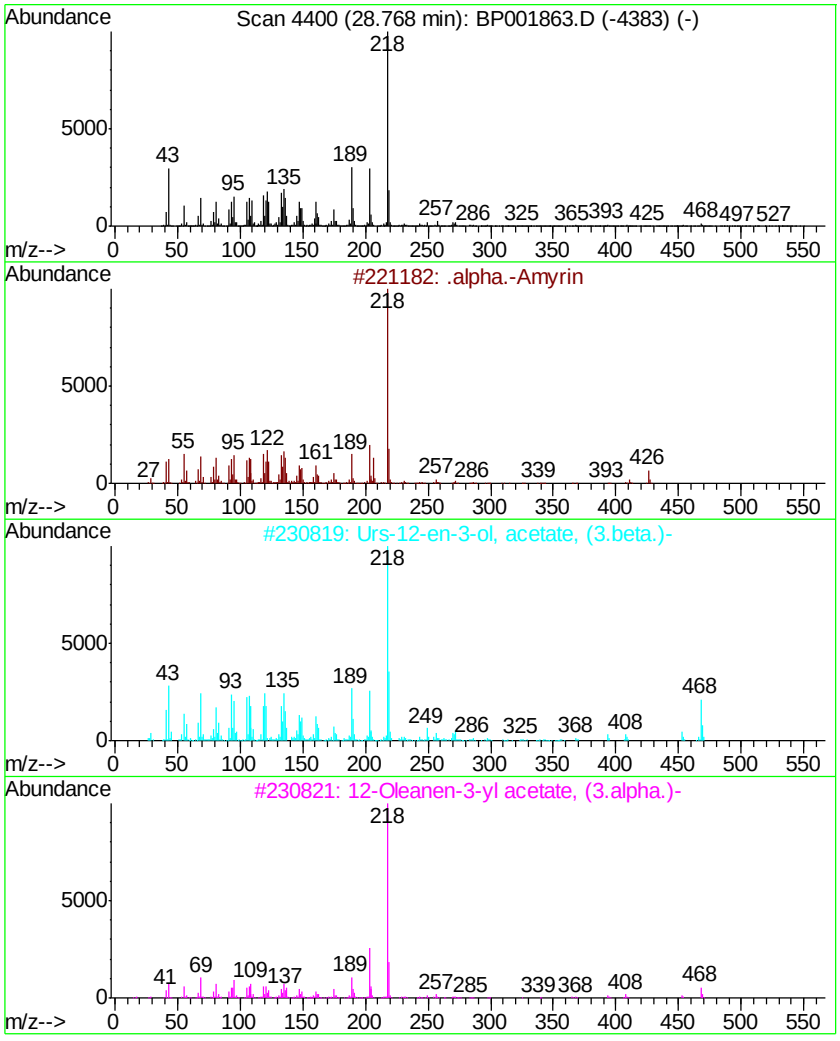
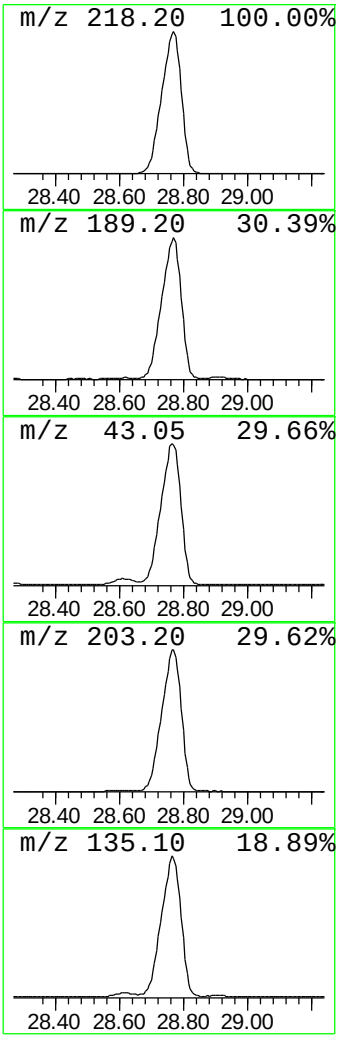
Peak Number 19 Urs-12-en-3-ol, acetate, (3... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.77	114.81 ng/ul	38429400	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Amyrin	426	C30H50O	000638-95-9	97
2	Urs-12-en-3-ol, acetate, (3.beta.)-	468	C32H52O2	000863-76-3	94
3	12-Oleanen-3-yl acetate, (3.alph...	468	C32H52O2	033055-28-6	93
4	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	87
5	.beta.-Amyrin	426	C30H50O	000559-70-6	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
Data File : BP001863.D
Acq On : 24 Feb 2020 16:37
Operator : CG/JU
Sample : L1536-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6S5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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	29.7	ng/ul	3155210	1	7.65	2126880	20.0
2- Chloropropioni...	20.87	6.1	ng/ul	2167810	5	21.13	7061580	20.0
(DEL) Alkane: Str...	21.75	3.6	ng/ul	1288650	5	21.13	7061580	20.0
(DEL) Alkane: Str...	22.21	3.4	ng/ul	1182210	5	21.13	7061580	20.0
13-Docosen-1-ol, ...	22.43	3.0	ng/ul	1014340	6	23.35	6694480	20.0
n-Nonadecanol-1	22.75	5.1	ng/ul	1710460	6	23.35	6694480	20.0
(DEL) Alkane: Str...	23.29	3.9	ng/ul	1303720	6	23.35	6694480	20.0
Oxirane, hexadecyl-	23.59	3.0	ng/ul	993493	6	23.35	6694480	20.0
(DEL) Alkane: Str...	23.94	7.9	ng/ul	2655340	6	23.35	6694480	20.0
1-Heptacosanol	24.02	5.4	ng/ul	1798090	6	23.35	6694480	20.0
(DEL) Alkane: Str...	24.69	5.0	ng/ul	1675080	6	23.35	6694480	20.0
(DEL) Alkane: Str...	25.58	5.0	ng/ul	1685050	6	23.35	6694480	20.0
.gamma.-Sitosterol	26.42	5.0	ng/ul	1656750	6	23.35	6694480	20.0
.alpha.-Amyrin	27.76	10.5	ng/ul	3513330	6	23.35	6694480	20.0
unknown-01	27.89	11.3	ng/ul	3790010	6	23.35	6694480	20.0
.beta.-Amyrin	28.10	27.7	ng/ul	9278060	6	23.35	6694480	20.0
2(1H)-Phenanthren...	28.62	2.8	ng/ul	938018	6	23.35	6694480	20.0
Urs-12-en-3-ol, a...	28.77	114.8	ng/ul	38429400	6	23.35	6694480	20.0