LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002052.D
Acq On : 04 Mar 2020 15:53
Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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

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	1172013	1587010	36.34%	3.180%
2	3.164	44	47	54	rVB	20302	30290	0.69%	0.061%
3	3.805	152	156	160	rBV	9621	14962	0.34%	0.030%
4	3.893	166	171	178	rVB	43241	63374	1.45%	0.127%
5	4.381	251	254	258	rVB4	3688	5661	0.13%	0.011%
6	4.428	259	262	270	rVB4	5437	9845	0.23%	0.020%
7	4.787	318	323	331	rBV	49514	76811	1.76%	0.154%
8	5.322	410	414	421	rBV7	3715	6908	0.16%	0.014%
9	6.816	661	668	684	rVB	356677	587013	13.44%	1.176%
10	6.975	690	695	705	rVB	294541	475892	10.90%	0.954%
11	7.175	722	729	741	rBV	409922	643906	14.75%	1.290%
12	7.269	741	745	746	rBV4	8371	9720	0.22%	0.019%
13	7.287	746	748	753	rVB5	7053	11293	0.26%	0.023%
14	7.640	800	808	817	rBV	923539	1476088	33.80%	2.958%
15	7.722	817	822	826	rVB3	8067	13316	0.30%	0.027%
16	8.346	921	928	935	rBV	446949	741105	16.97%	1.485%
17	8.399	935	937	942	rVV	17078	27773	0.64%	0.056%
18	8.452	942	946	952	rVB	24295	39694	0.91%	0.080%
19	8.781	994	1002	1014	rBV	319292	539793	12.36%	1.082%
20	8.963	1029	1033	1038	rBV8	3521	6455	0.15%	0.013%
21	9.269	1079	1085	1090	rVB3	10944	17576	0.40%	0.035%
22	9.499	1116	1124	1134	rBV	234875	403430	9.24%	0.808%
23	10.034	1207	1215	1230	rBV	439072	790545	18.10%	1.584%
24	10.410	1271	1279	1293	rBV	1291561	2155766	49.37%	4.320%
25	10.546	1295	1302	1319	rBV	358734	693526	15.88%	1.390%
26	11.881	1524	1529	1534	rBV8	3080	5864	0.13%	0.012%
27	11.922	1534	1536	1544	rVB8	3078	5793	0.13%	0.012%
28	12.010	1547	1551	1557	rBV3	7995	13842	0.32%	0.028%
29	12.081	1557	1563	1568	rBV6	3896	7226	0.17%	0.014%
30	12.228	1583	1588	1594	rVB10	2508	6651	0.15%	0.013%
31	12.304	1594	1601	1607	rBV5	4845	10957	0.25%	0.022%
32	13.128	1732	1741	1748	rBV5	7410	17463	0.40%	0.035%
33	13.187	1748	1751	1759	rVV8	3542	7545	0.17%	0.015%
34	13.440	1787	1794	1796	rBV8	3456	6585	0.15%	0.013%

LSC Area Percent Report

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Acq On : 04 Mar 2020 15:53
Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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	13.598	1811	1821	1825	rBV5	7580	13553	0.31%	0.027%
36	13.687	1825	1836	1840	rBV	889600	1199280	27.46%	2.403%
37	13.734	1840	1844	1854	rVV	324496	462084	10.58%	0.926%
38	13.963	1876	1883	1895	rBV	1031866	1508624	34.55%	3.023%
39	14.210	1922	1925	1929	rVB5	4761	6263	0.14%	0.013%
40	14.275	1929	1936	1943	rBV	2056659	2996646	68.62%	6.005%
41	14.340	1943	1947	1958	rVB4	9453	21130	0.48%	0.042%
42	14.481	1965	1971	1984	rBV2	101706	234585	5.37%	0.470%
43	14.681	2002	2005	2006	rBV3	6497	6221	0.14%	0.012%
44	14.957	2049	2052	2057	rVB7	4554	6539	0.15%	0.013%
45	15.110	2075	2078	2082	rVB3	5376	6020	0.14%	0.012%
46	15.163	2085	2087	2091	rVB5	4718	5469	0.13%	0.011%
47	15.269	2099	2105	2112	rBV	1332932	1942613	44.49%	3.893%
48	15.328	2112	2115	2120	rVB3	22182	32389	0.74%	0.065%
49	15.393	2120	2126	2136	rBV	138888	217875	4.99%	0.437%
50	15.516	2141	2147	2155	rVB2	15226	28415	0.65%	0.057%
51	15.628	2162	2166	2174	rVB3	7428	14332	0.33%	0.029%
52	15.769	2187	2190	2197	rVB4	5572	11851	0.27%	0.024%
53	15.869	2199	2207	2214	rBV4	6526	15670	0.36%	0.031%
54	16.063	2237	2240	2245	rVB7	7348	10796	0.25%	0.022%
55	16.340	2281	2287	2292	rBV7	7023	12622	0.29%	0.025%
56	16.492	2308	2313	2317	rBV7	3211	6045	0.14%	0.012%
57	16.698	2342	2348	2350	rBV7	3688	7278	0.17%	0.015%
58	16.769	2355	2360	2363	rBV6	5471	10548	0.24%	0.021%
59	16.816	2363	2368	2372	rBV2	11104	22347	0.51%	0.045%
60	17.028	2397	2404	2408	rBV	2401555	3494561	80.02%	7.003%
61	17.069	2408	2411	2415	rVV	152765	211930	4.85%	0.425%
62	17.122	2415	2420	2435	rVB	1338888	2063044	47.24%	4.134%
63	17.434	2471	2473	2478	rVB5	4482	5540	0.13%	0.011%
64	17.563	2492	2495	2501	rVB6	5877	7058	0.16%	0.014%
65	17.722	2518	2522	2525	rBV5	3592	5102	0.12%	0.010%
66	17.904	2549	2553	2556	rBV	16783	22539	0.52%	0.045%
67	17.945	2556	2560	2568	rBV2	113503	167655	3.84%	0.336%
68	18.092	2580	2585	2589	rBV2	24082	41263	0.94%	0.083%
69	18.128	2589	2591	2598	rVB3	12565	14799	0.34%	0.030%
70	18.245	2608	2611	2616	rBV7	8365	9304	0.21%	0.019%
71	18.369	2629	2632	2633	rBV3	5976	5947	0.14%	0.012%

LSC Area Percent Report

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Acq On : 04 Mar 2020 15:53
Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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

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Peak separation: 5

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

72	18.392	2633	2636	2640	rVB	13087	18512	0.42%	0.037%
73	18.798	2701	2705	2709	rBV4	11347	17743	0.41%	0.036%
74	18.857	2712	2715	2718	rVV4	10033	10977	0.25%	0.022%
75	18.928	2725	2727	2729	rBV2	7586	7659	0.18%	0.015%
76	19.016	2736	2742	2743	rBV3	22820	33473	0.77%	0.067%
77	19.045	2743	2747	2755	rVB	256600	349817	8.01%	0.701%
78	19.186	2768	2771	2778	rBV3	45024	68382	1.57%	0.137%
79	19.263	2781	2784	2787	rVV3	17235	27482	0.63%	0.055%
80	19.304	2788	2791	2794	rVV2	19291	23111	0.53%	0.046%
81	19.369	2797	2802	2816	rVV2	2031202	2924048	66.96%	5.860%
82	19.581	2834	2838	2840	rBV	12520	18301	0.42%	0.037%
83	19.886	2887	2890	2894	rVB2	33905	41399	0.95%	0.083%
84	19.939	2896	2899	2902	rVB2	13846	13420	0.31%	0.027%
85	19.986	2903	2907	2911	rVV2	25777	33393	0.76%	0.067%
86	20.422	2978	2981	2986	rVB2	30095	32234	0.74%	0.065%
87	20.869	3052	3057	3064	rBV2	179307	262468	6.01%	0.526%
88	21.122	3093	3100	3105	rBV	3278888	4366852	100.00%	8.751%
89	21.239	3117	3120	3124	rBV2	34193	52193	1.20%	0.105%
90	21.298	3126	3130	3139	rVB	381419	396531	9.08%	0.795%
91	21.727	3199	3203	3211	rBV	708688	900442	20.62%	1.805%
92	21.886	3226	3230	3235	rVB	237892	322743	7.39%	0.647%
93	22.192	3277	3282	3293	rVB	1055443	1372882	31.44%	2.751%
94	22.698	3359	3368	3381	rBV2	1206853	2010926	46.05%	4.030%
95	23.192	3445	3452	3458	rBV	1374079	2541188	58.19%	5.093%
96	23.263	3459	3464	3469	rVV	993192	1717822	39.34%	3.443%
97	23.327	3469	3475	3489	rVB2	2273790	4346706	99.54%	8.711%
98	23.916	3568	3575	3584	rBV	722757	1404525	32.16%	2.815%
99	24.663	3695	3702	3714	rVB	363301	803076	18.39%	1.609%
100	25.539	3845	3851	3865	rVB6	148542	423793	9.70%	0.849%

Sum of corrected areas: 49899713

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Data File : BP002052.D
Acq On : 04 Mar 2020 15:53
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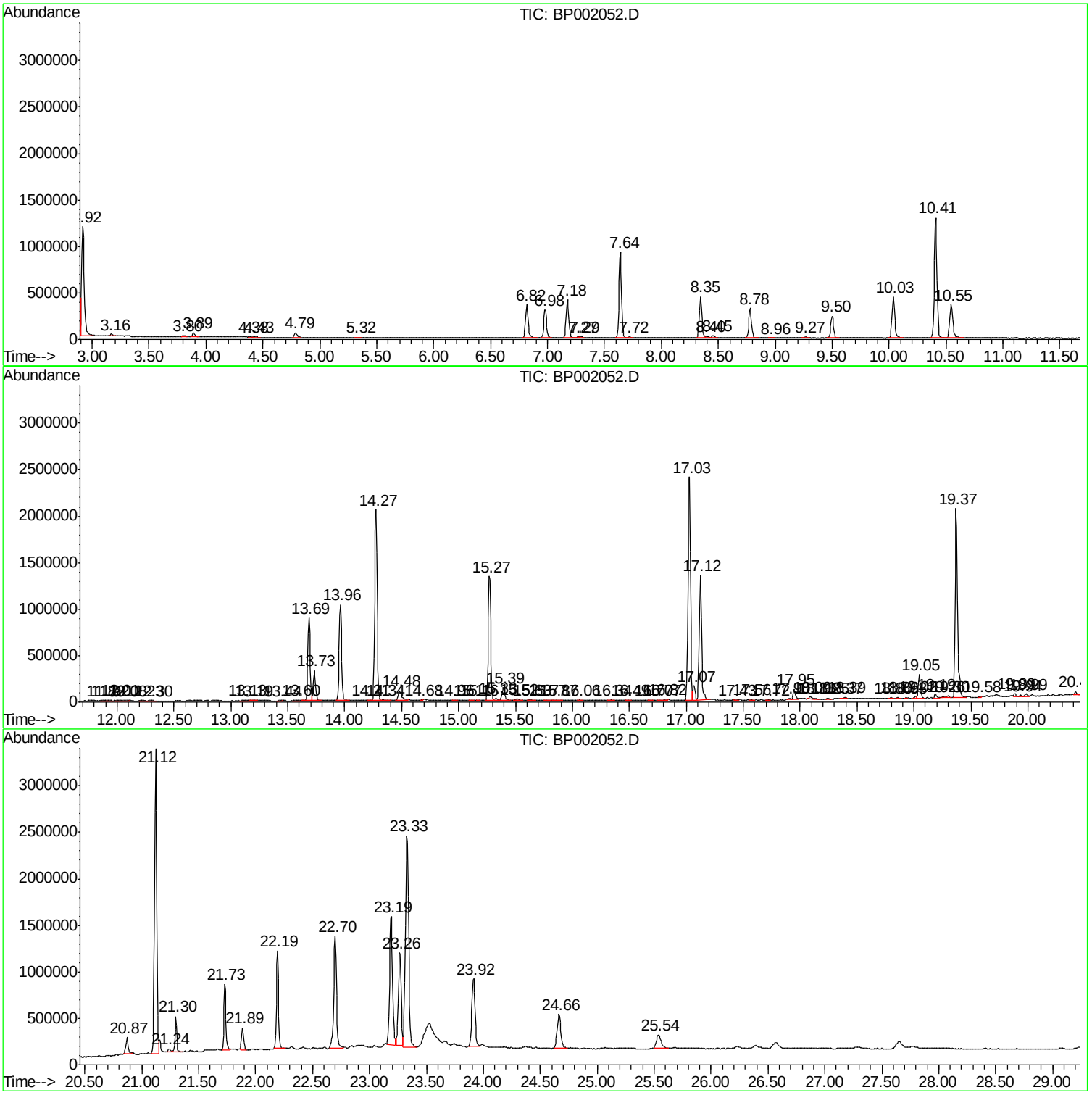
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0CC6

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

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ClientSampleId : C0CC6

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Quant Title : SVOA CALIBRATION

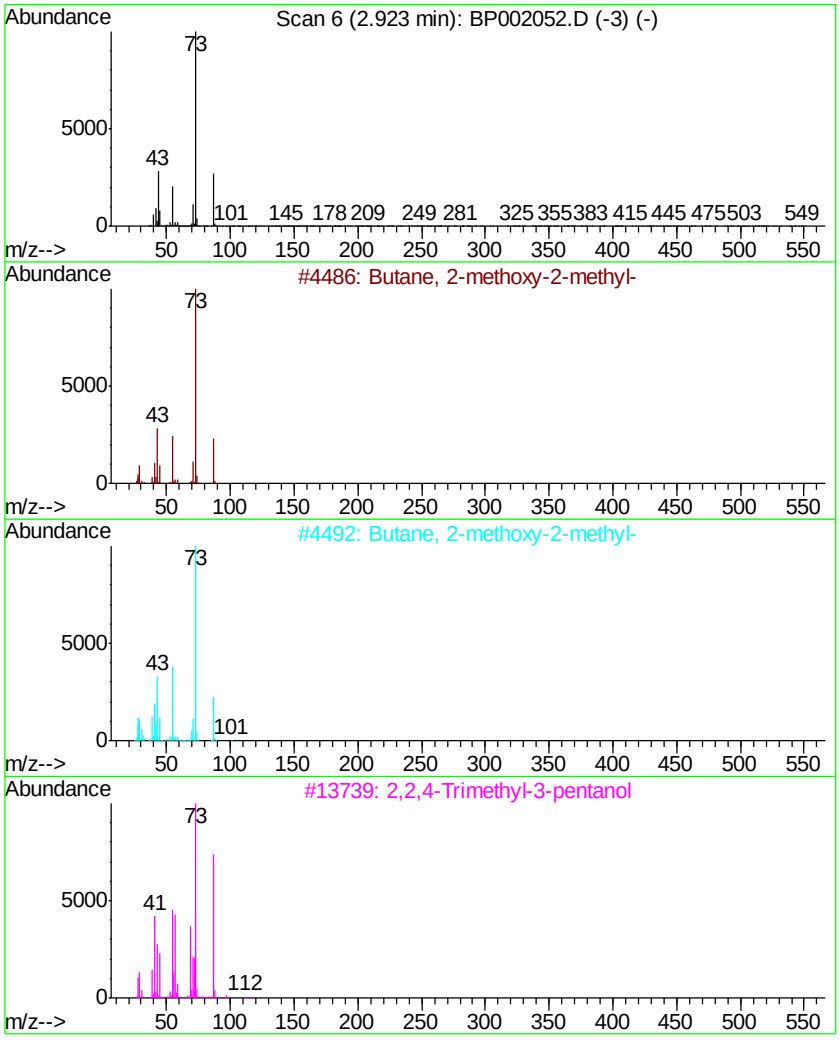
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

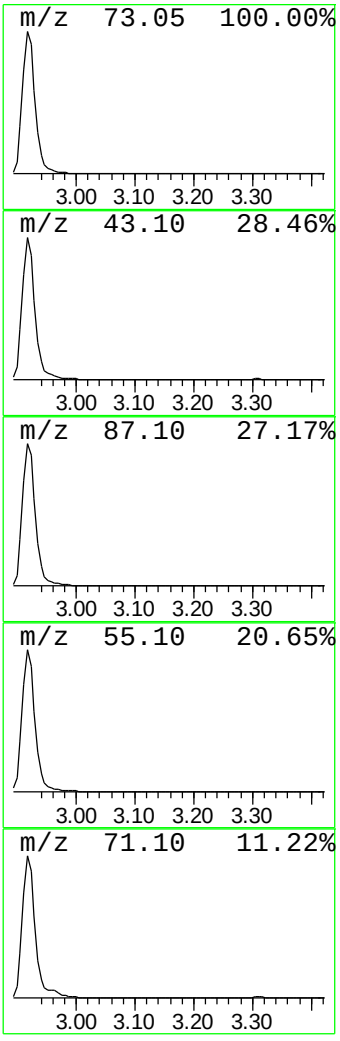
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	21.50 ng/ul	1587010	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	78
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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002052.D
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Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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

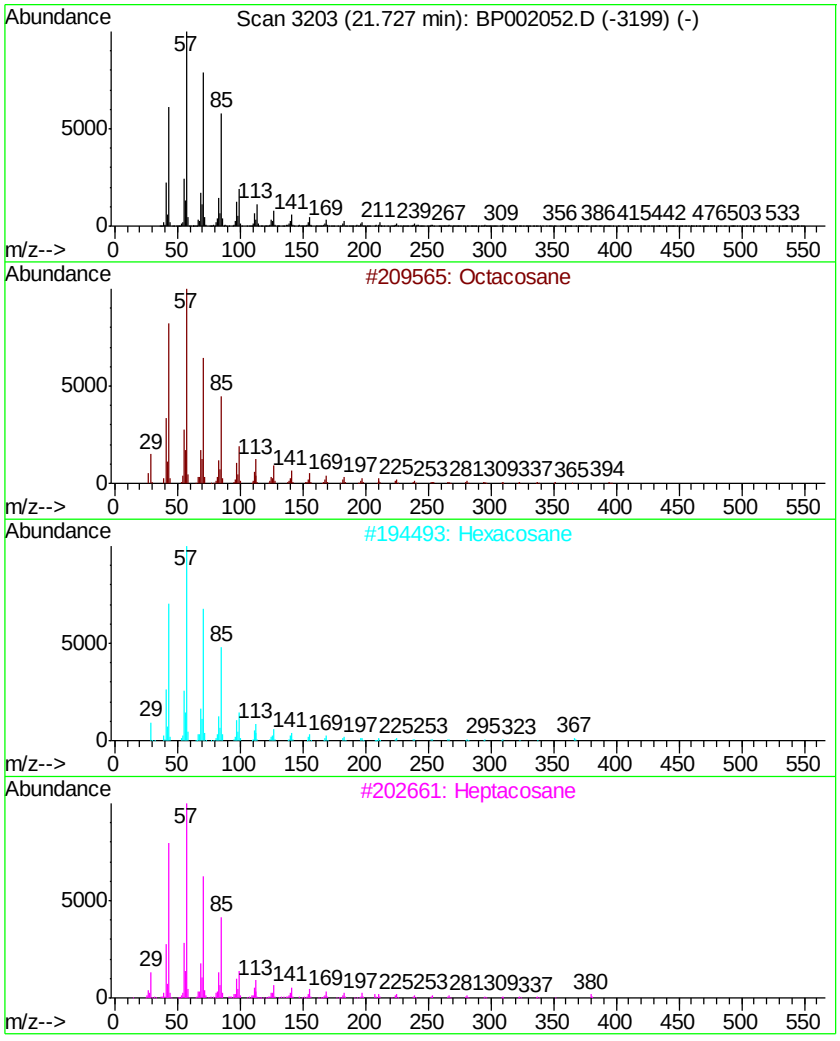
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

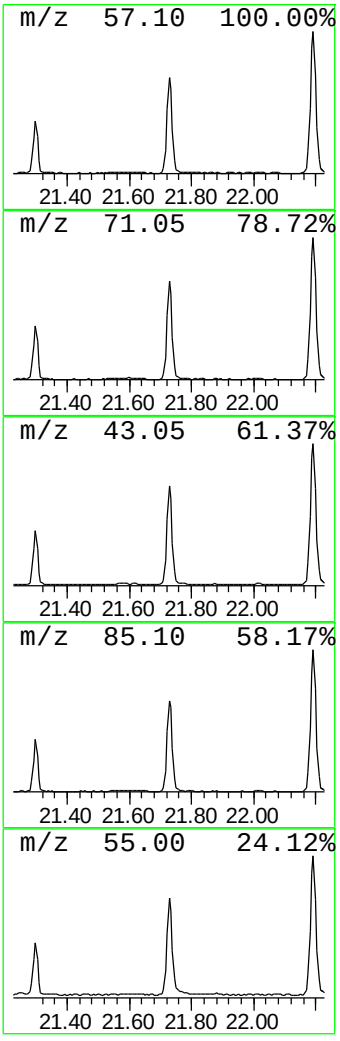
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	4.12 ng/ul	900442	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002052.D
Acq On : 04 Mar 2020 15:53
Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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

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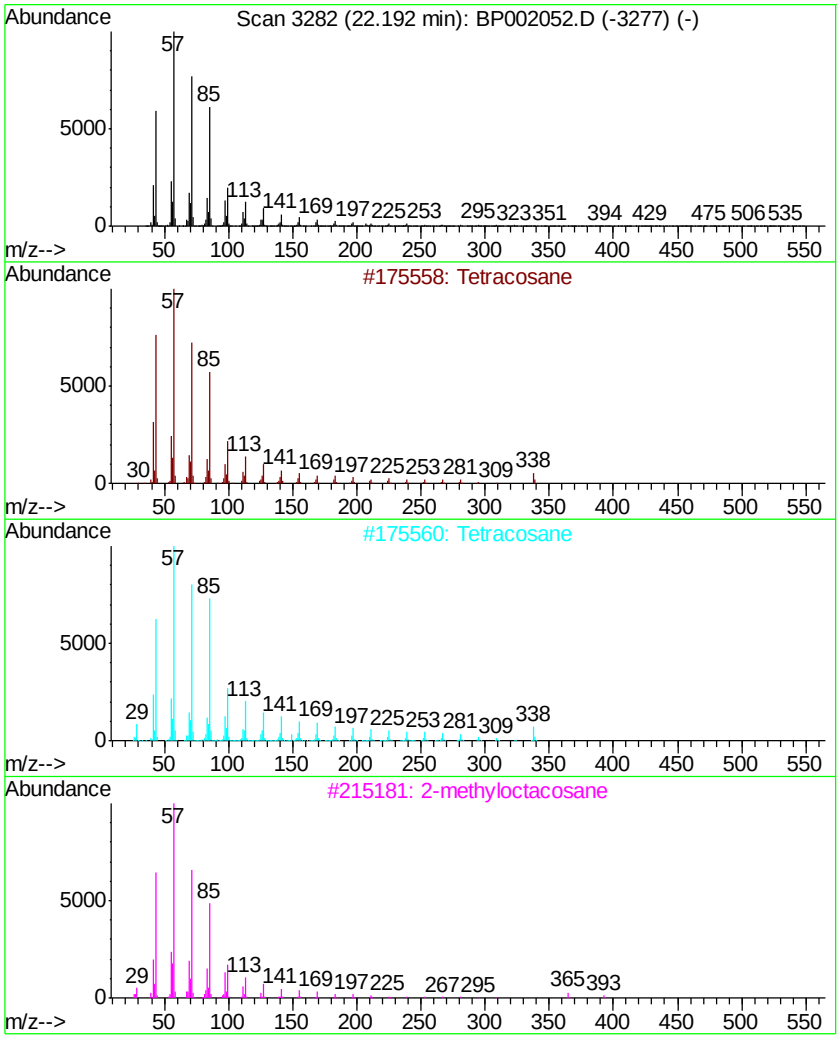
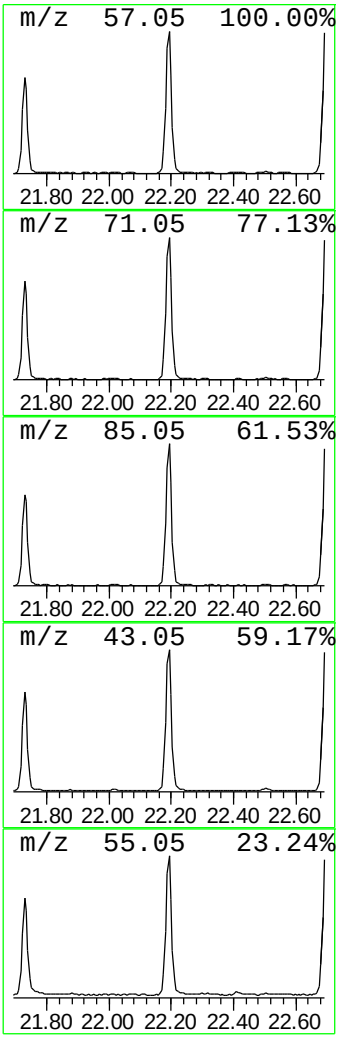
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	6.29 ng/ul	1372880	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Tetracosane	338	C24H50	000646-31-1	95
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Data File : BP002052.D
Acq On : 04 Mar 2020 15:53
Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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

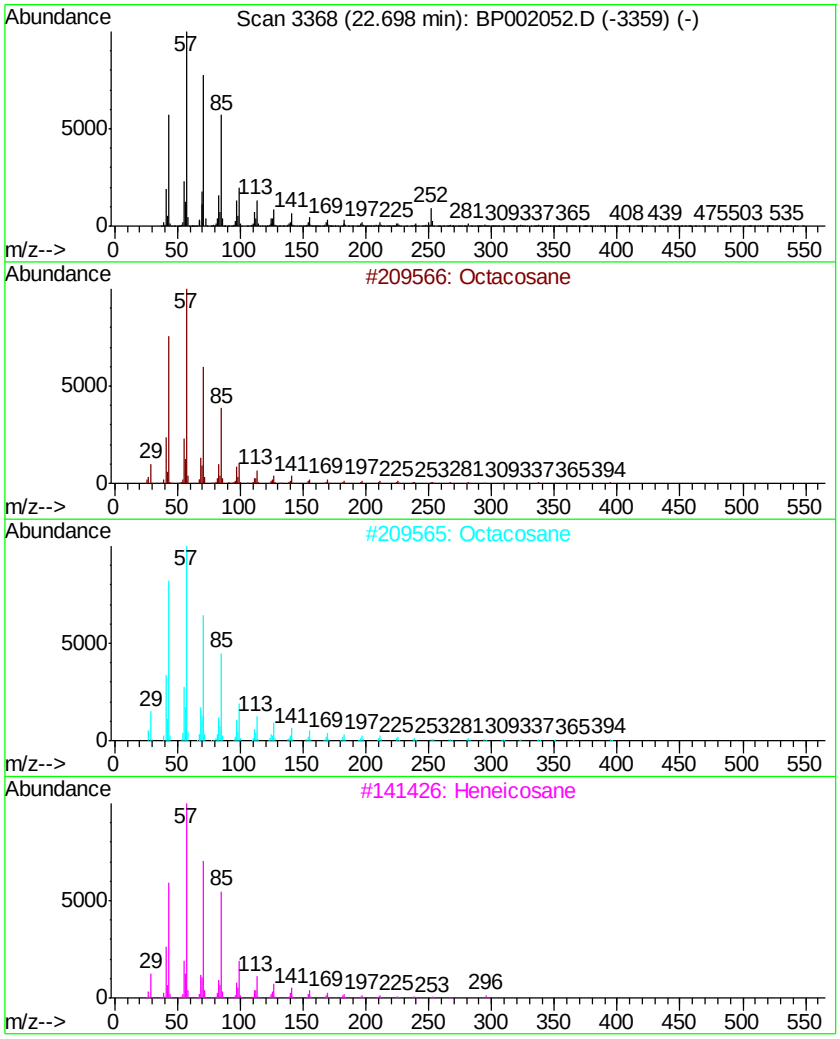
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

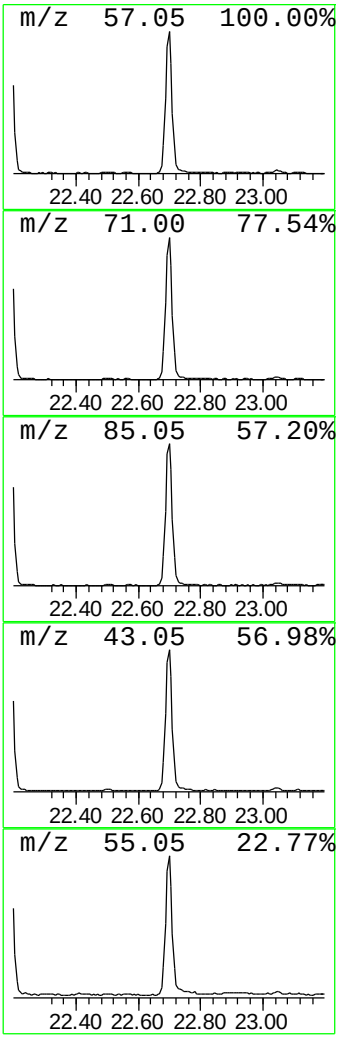
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	9.25 ng/ul	2010930	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Octacosane	394	C28H58	000630-02-4	96
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

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Data File : BP002052.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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

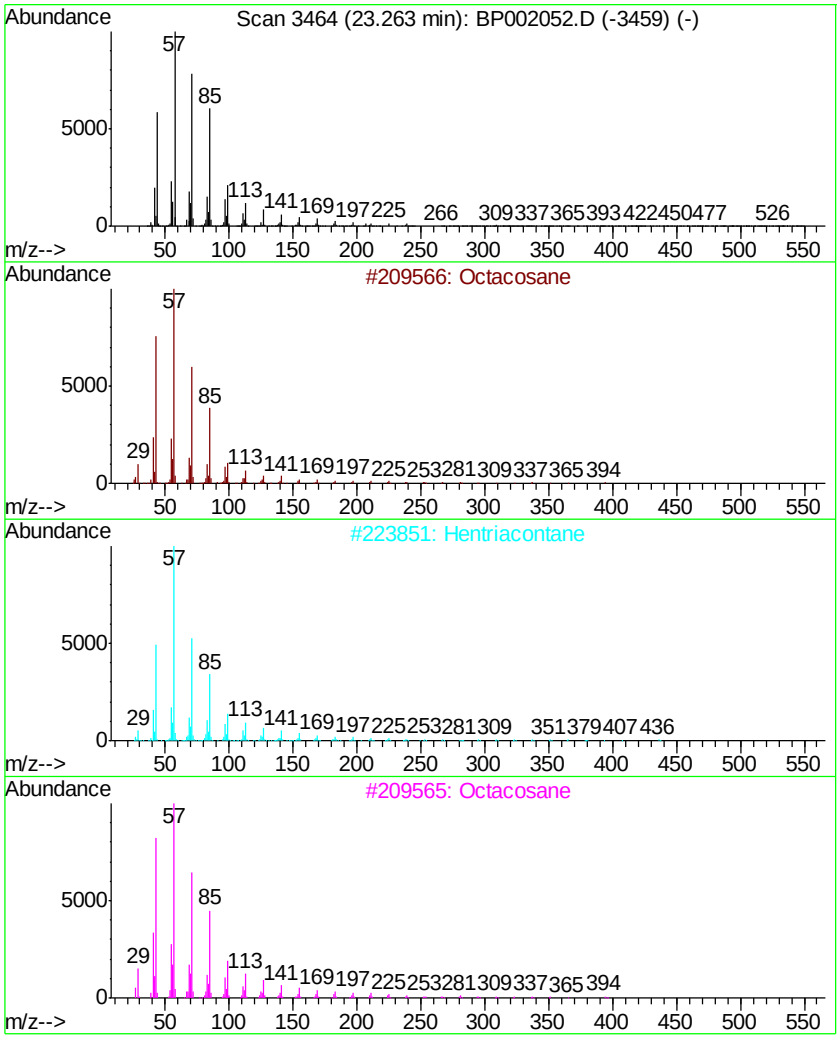
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

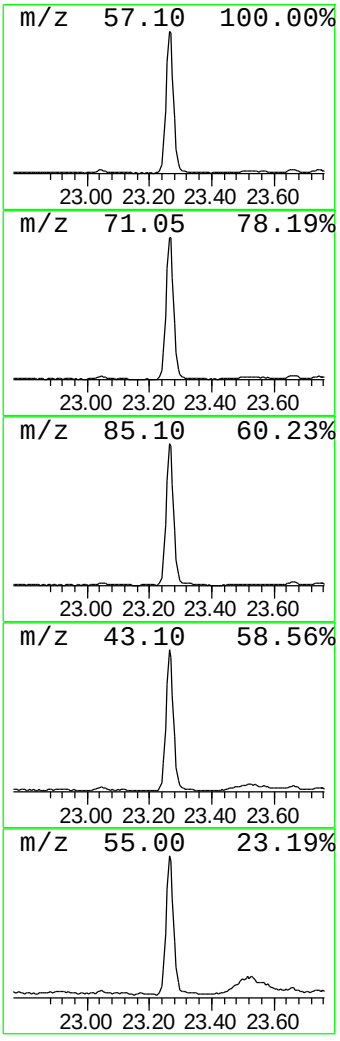
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	7.90 ng/ul	1717820	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Hentriacontane	437	C31H64	000630-04-6	95
3	Octacosane	394	C28H58	000630-02-4	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BP002052.D
Acq On : 04 Mar 2020 15:53
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Sample : L1677-02
Misc :
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Instrument : BNA_P
ClientSampleId : C0CC6

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

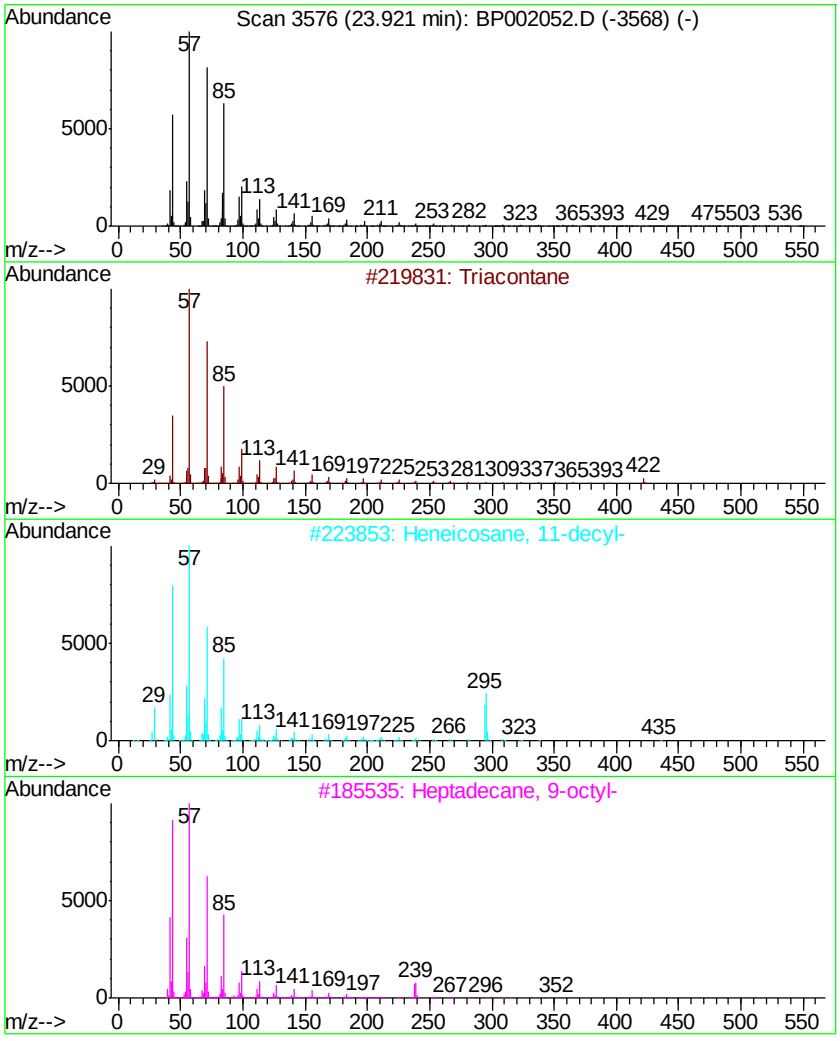
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

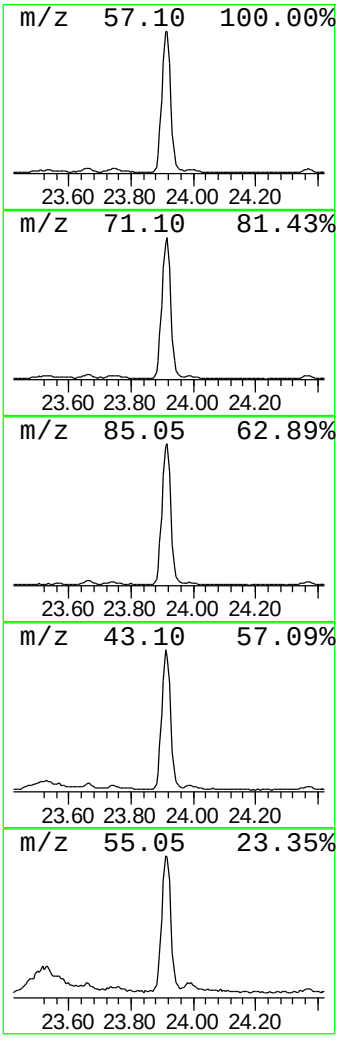
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	6.46 ng/ul	1404530	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	97
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4	Heptadecane	240	C17H36	000629-78-7	94
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002052.D
Acq On : 04 Mar 2020 15:53
Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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

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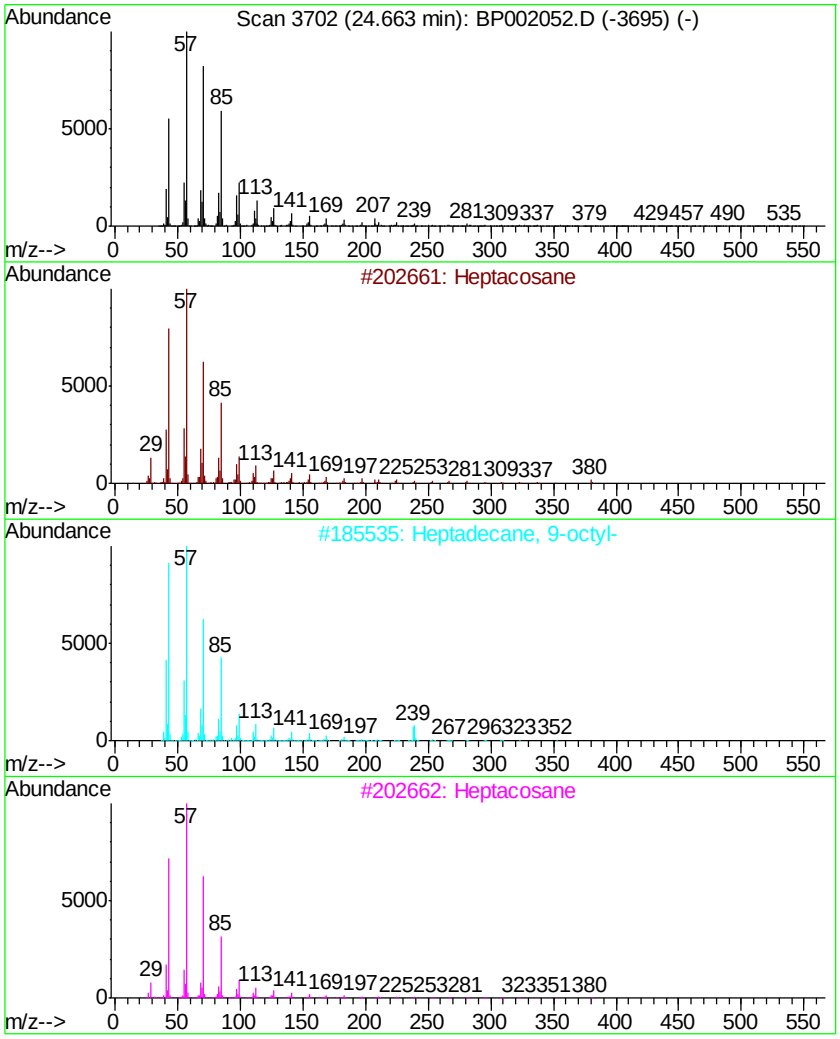
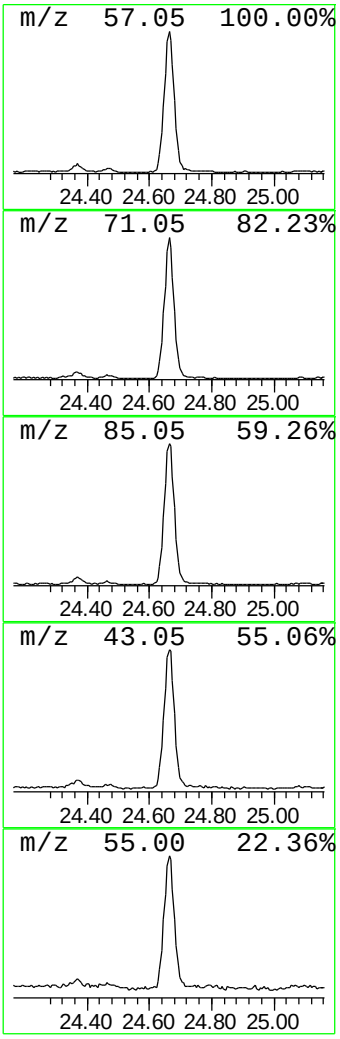
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	3.70 ng/ul	803076	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030420\
Data File : BP002052.D
Acq On : 04 Mar 2020 15:53
Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CC6

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	21.5	ng/ul	1587010	1	7.64	1476090	20.0
(DEL) Alkane: Str...	21.73	4.1	ng/ul	900442	5	21.12	4366850	20.0
(DEL) Alkane: Str...	22.19	6.3	ng/ul	1372880	5	21.12	4366850	20.0
(DEL) Alkane: Str...	22.70	9.3	ng/ul	2010930	6	23.33	4346710	20.0
(DEL) Alkane: Str...	23.26	7.9	ng/ul	1717820	6	23.33	4346710	20.0
(DEL) Alkane: Str...	23.92	6.5	ng/ul	1404530	6	23.33	4346710	20.0
(DEL) Alkane: Str...	24.66	3.7	ng/ul	803076	6	23.33	4346710	20.0