LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040720\
Data File : BN010413.D
Acq On : 07 Apr 2020 12:22
Operator : CG/JU
Sample : L2158-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F06

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-BN040120MA.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	2.893	14	18	26	rBV	183190	332203	1.88%	0.217%
2	2.964	26	30	49	rVB	495912	851567	4.82%	0.557%
3	3.211	69	72	78	rVB4	16676	23651	0.13%	0.015%
4	3.917	187	192	198	rBV4	18321	34355	0.19%	0.022%
5	4.258	245	250	255	rBV4	37480	55214	0.31%	0.036%
6	5.699	487	495	502	rBV	58076	105057	0.60%	0.069%
7	6.793	666	681	690	rBV	396076	714747	4.05%	0.468%
8	6.952	702	708	722	rVB	1495877	2321741	13.15%	1.520%
9	7.146	733	741	751	rBV	1643619	2594104	14.70%	1.698%
10	7.264	755	761	762	rBV4	13798	24848	0.14%	0.016%
11	7.611	813	820	828	rBV	1461761	2367413	13.41%	1.550%
12	7.687	828	833	841	rVB	79955	124909	0.71%	0.082%
13	8.305	931	938	952	rBV	1331472	2103037	11.91%	1.377%
14	8.416	952	957	964	rVB	30210	53920	0.31%	0.035%
15	8.693	998	1004	1006	rBV4	24504	37834	0.21%	0.025%
16	8.746	1006	1013	1025	rVB	1816548	3000368	17.00%	1.964%
17	8.928	1039	1044	1051	rVB5	21218	41610	0.24%	0.027%
18	9.234	1087	1096	1103	rVB2	72705	112543	0.64%	0.074%
19	9.458	1126	1134	1143	rBV	1553797	2451317	13.89%	1.605%
20	9.522	1143	1145	1150	rVB6	15844	20955	0.12%	0.014%
21	9.652	1161	1167	1174	rBV4	18041	41440	0.23%	0.027%
22	9.893	1204	1208	1213	rBV2	14002	23869	0.14%	0.016%
23	9.993	1216	1225	1238	rBV	2594169	4255156	24.11%	2.786%
24	10.163	1247	1254	1260	rBV10	13900	25304	0.14%	0.017%
25	10.275	1271	1273	1281	rVB6	12248	21064	0.12%	0.014%
26	10.369	1281	1289	1296	rVV	2236302	3627220	20.55%	2.375%
27	10.434	1297	1300	1304	rVV5	15047	23892	0.14%	0.016%
28	10.499	1304	1311	1320	rVB	223053	403249	2.28%	0.264%
29	10.781	1354	1359	1369	rVB7	10810	22132	0.13%	0.014%
30	11.010	1392	1398	1405	rVB4	9067	22193	0.13%	0.015%
31	11.175	1422	1426	1433	rBV7	17231	31059	0.18%	0.020%
32	11.658	1500	1508	1514	rBV	161280	283224	1.60%	0.185%
33	11.716	1514	1518	1524	rVB2	85855	127434	0.72%	0.083%
34	11.957	1555	1559	1566	rVB2	52409	80295	0.45%	0.053%

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Sample : L2158-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F06

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-BN040120MA.M
Title : SVOA CALIBRATION

35	12.599	1662	1668	1673	rVB3	18828	30389	0.17%	0.020%
36	12.852	1706	1711	1716	rVB3	38389	58995	0.33%	0.039%
37	13.081	1744	1750	1756	rVB	61769	93940	0.53%	0.061%
38	13.146	1756	1761	1766	rBV2	48088	76218	0.43%	0.050%
39	13.652	1840	1847	1851	rBV	5152786	7051483	39.95%	4.616%
40	13.693	1851	1854	1867	rVV	1196635	1681644	9.53%	1.101%
41	13.922	1883	1893	1909	rBV	6177731	8871401	50.26%	5.808%
42	14.234	1939	1946	1958	rVV	3858742	5654528	32.04%	3.702%
43	14.328	1958	1962	1967	rVB2	69246	97822	0.55%	0.064%
44	14.434	1974	1980	1992	rBV	326198	533793	3.02%	0.349%
45	14.922	2059	2063	2070	rBV4	38522	61031	0.35%	0.040%
46	15.069	2081	2088	2093	rBV4	43709	68084	0.39%	0.045%
47	15.234	2108	2116	2124	rBV	7987564	11287412	63.95%	7.389%
48	15.346	2129	2135	2152	rVV	1895490	2582884	14.63%	1.691%
49	15.469	2152	2156	2163	rVV	92315	143337	0.81%	0.094%
50	16.016	2245	2249	2257	rVB5	40698	67983	0.39%	0.045%
51	16.593	2344	2347	2353	rVV3	14615	22535	0.13%	0.015%
52	16.663	2353	2359	2363	rVB7	16683	28277	0.16%	0.019%
53	16.763	2370	2376	2383	rBV4	23413	55087	0.31%	0.036%
54	16.981	2406	2413	2423	rBV	4874875	6864412	38.89%	4.494%
55	17.075	2423	2429	2447	rVV	8641951	12479366	70.70%	8.170%
56	17.293	2462	2466	2468	rVB	20505	24720	0.14%	0.016%
57	17.522	2501	2505	2508	rBV5	12851	21821	0.12%	0.014%
58	17.669	2523	2530	2538	rBV	1249615	1478656	8.38%	0.968%
59	17.898	2565	2569	2576	rBV	158898	249197	1.41%	0.163%
60	17.969	2578	2581	2586	rVB	24068	40399	0.23%	0.026%
61	18.140	2608	2610	2619	rVB9	16877	25589	0.14%	0.017%
62	19.010	2753	2758	2762	rBV	112073	159720	0.90%	0.105%
63	19.192	2785	2789	2794	rBV3	91943	137376	0.78%	0.090%
64	19.263	2797	2801	2807	rVB	100955	153808	0.87%	0.101%
65	19.381	2814	2821	2828	rBV	11368425	15409681	87.30%	10.088%
66	19.616	2859	2861	2867	rBV6	21915	31433	0.18%	0.021%
67	20.469	3003	3006	3009	rVB4	68223	71492	0.41%	0.047%
68	20.933	3080	3085	3088	rBV3	306571	479504	2.72%	0.314%
69	21.181	3121	3127	3136	rBV	7160936	8902583	50.44%	5.828%
70	21.369	3156	3159	3163	rBV	709256	782523	4.43%	0.512%
71	21.798	3228	3232	3240	rBV	1348681	1639471	9.29%	1.073%

LSC Area Percent Report

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Instrument : BNA_N
ClientSampleId : C0F06

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_N\METHODS\SOM-EPA-BN040120MA.M
Title : SVOA CALIBRATION

72	22.251	3305	3309	3316	rVB	2008589	2383778	13.51%	1.561%
73	22.745	3388	3393	3400	rVB	1991141	2788060	15.80%	1.825%
74	23.216	3466	3473	3481	rBV	9890055	17650680	100.00%	11.555%
75	23.292	3481	3486	3490	rVV	1872628	3009443	17.05%	1.970%
76	23.351	3490	3496	3507	rVB	5344930	9650452	54.67%	6.318%
77	23.910	3586	3591	3597	rBV	1323550	2191551	12.42%	1.435%
78	24.622	3708	3712	3719	rVB2	677361	1302436	7.38%	0.853%

Sum of corrected areas: 152753918

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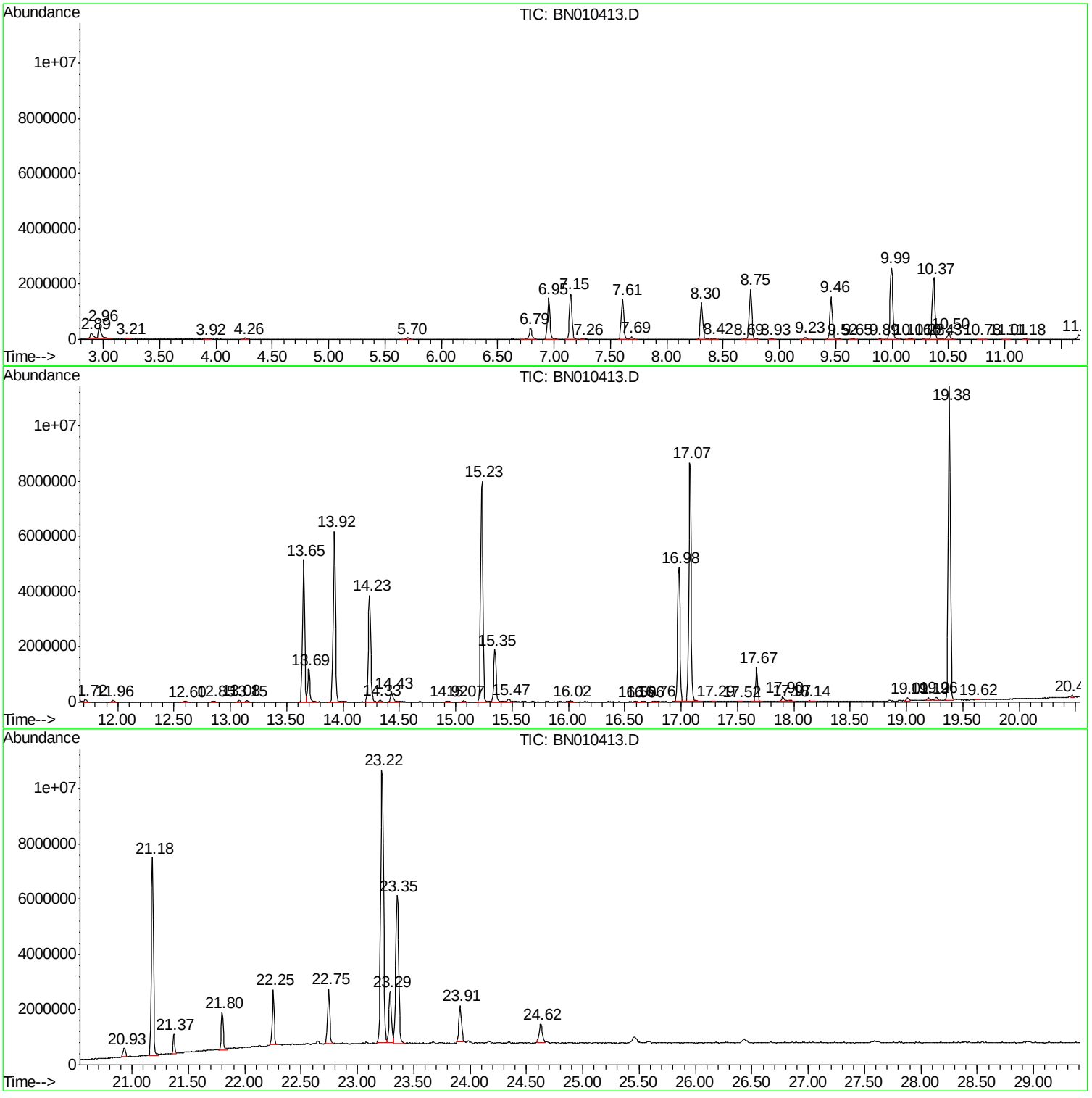
Instrument : BNA_N
ClientSampleId : C0F06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

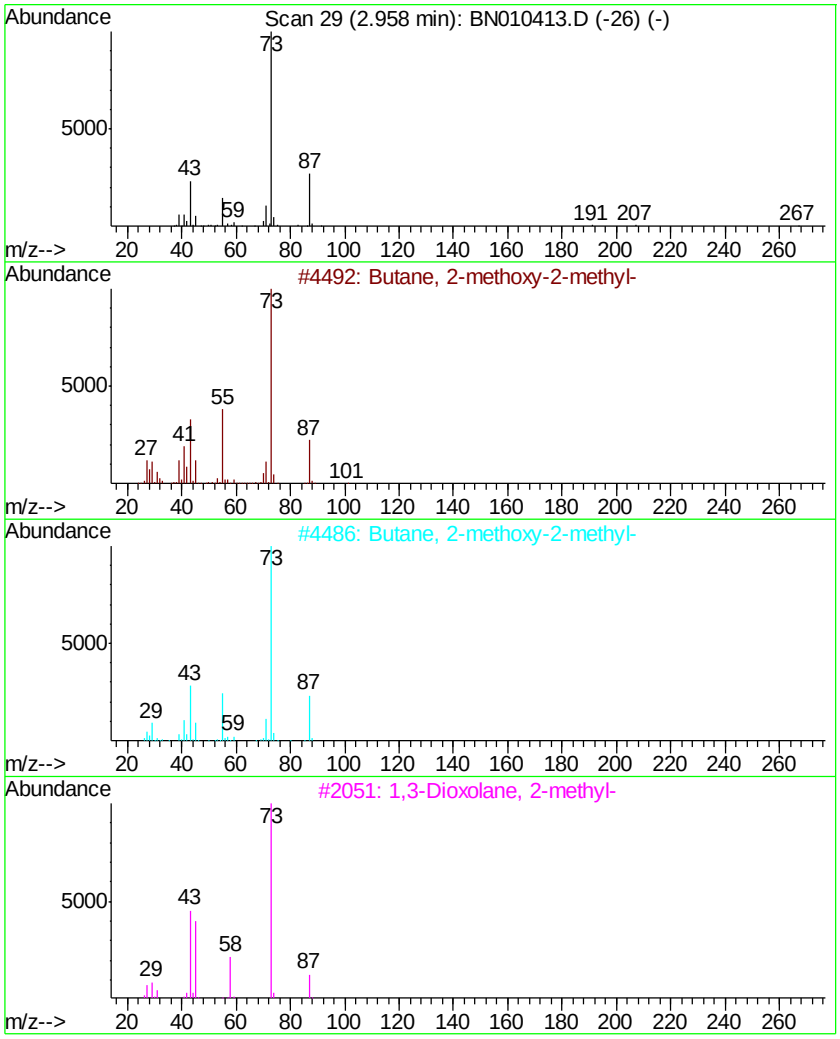
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

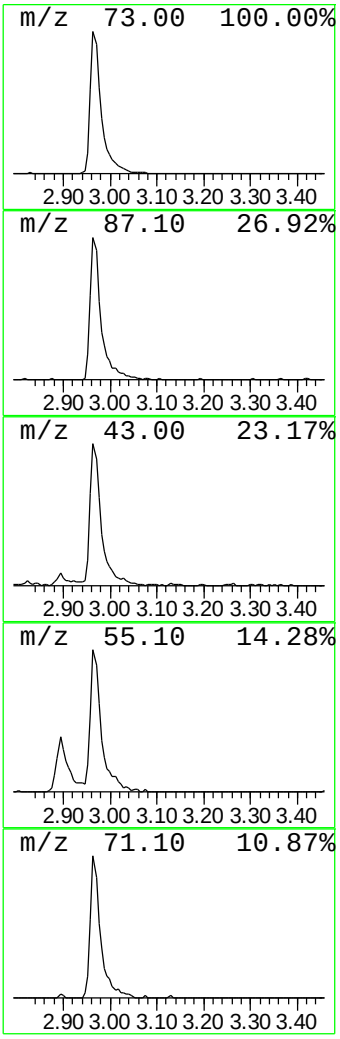
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	7.19 ng/ul	851567	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : CG/JU
Sample : L2158-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

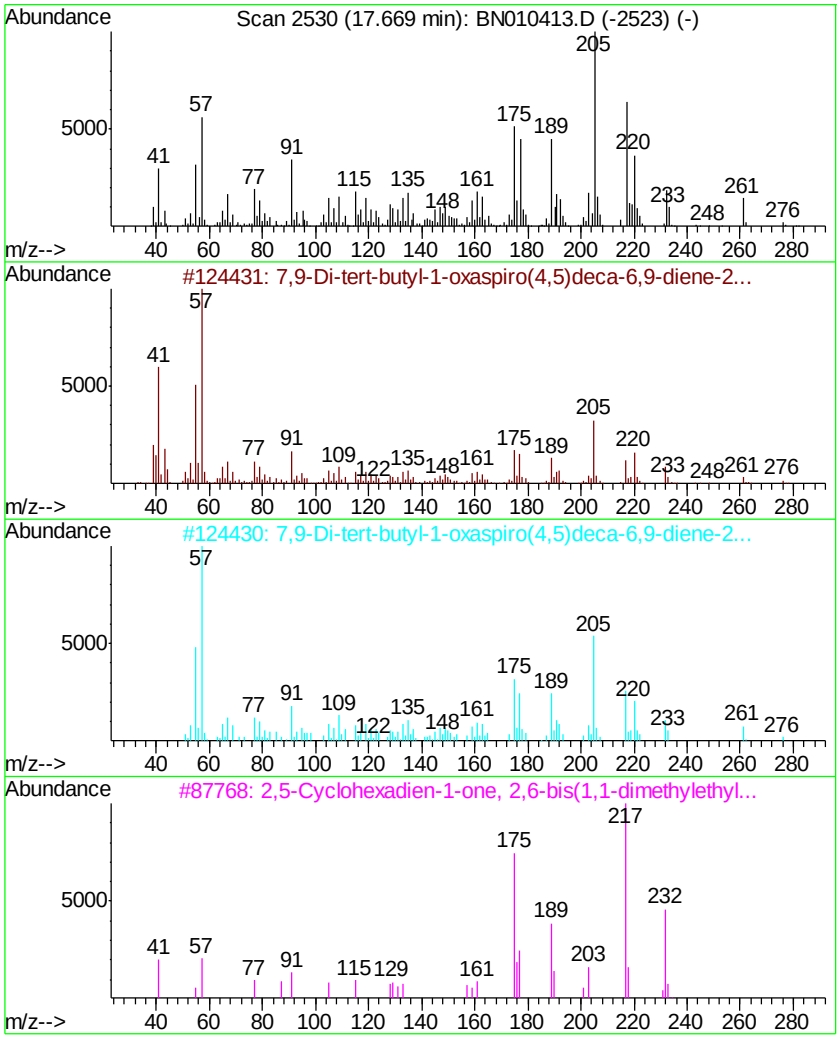
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

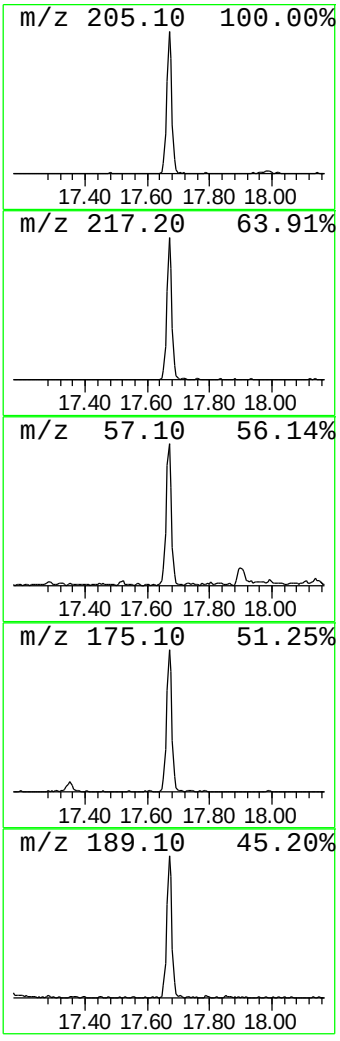
****

Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.31 ng/ul	1478660	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	83
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	80
4	3-(3-Imino-1-pyrazolidinyl)benzo...	205	C10H11N3O2	083671-99-2	56
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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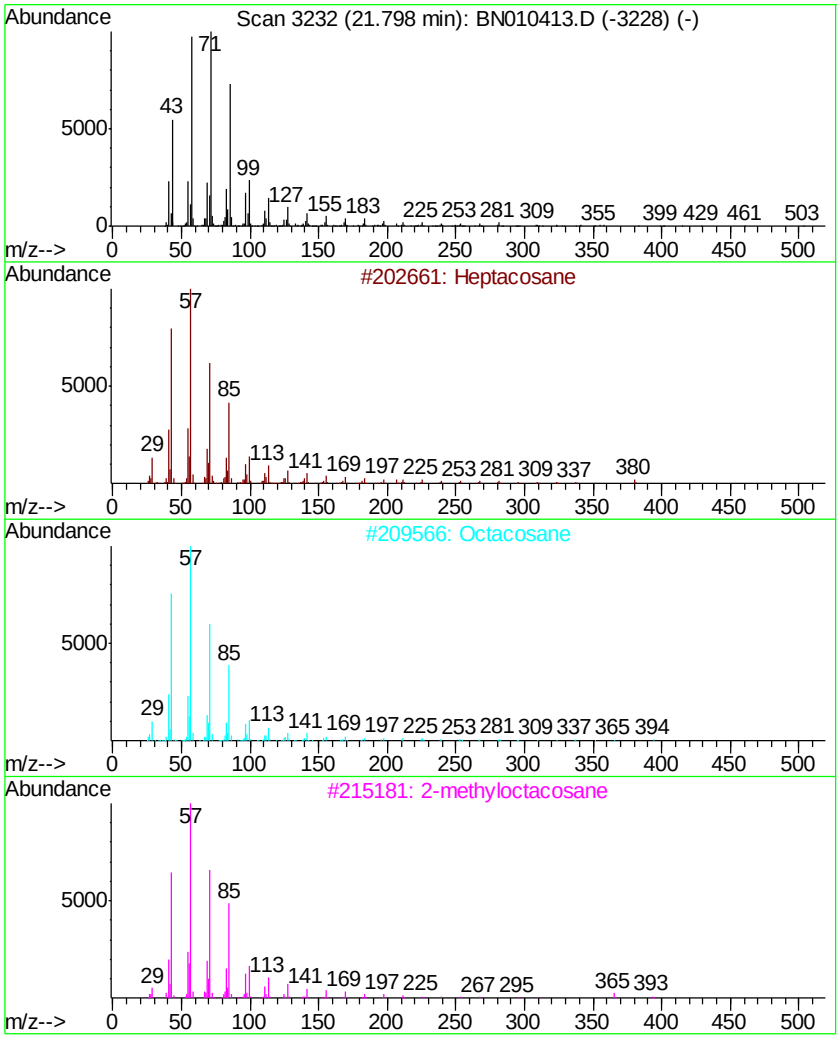
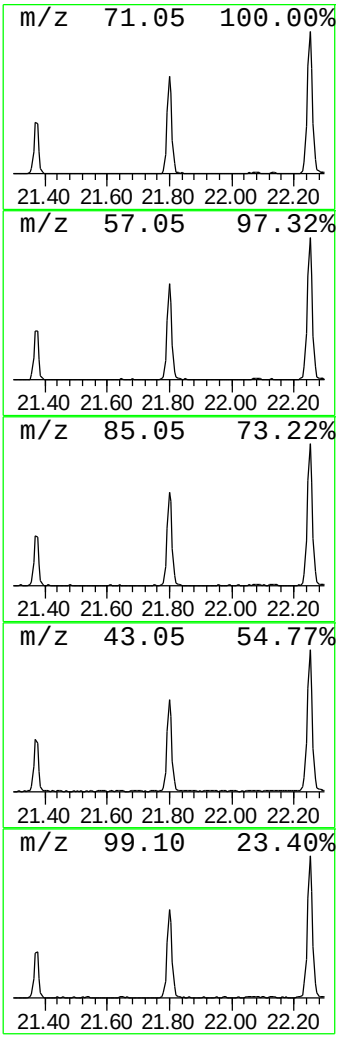
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	3.68 ng/ul	1639470	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Octacosane	394	C28H58	000630-02-4	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Tetracosane	338	C24H50	000646-31-1	83





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ClientSampleId : C0F06

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Quant Title : SVOA CALIBRATION

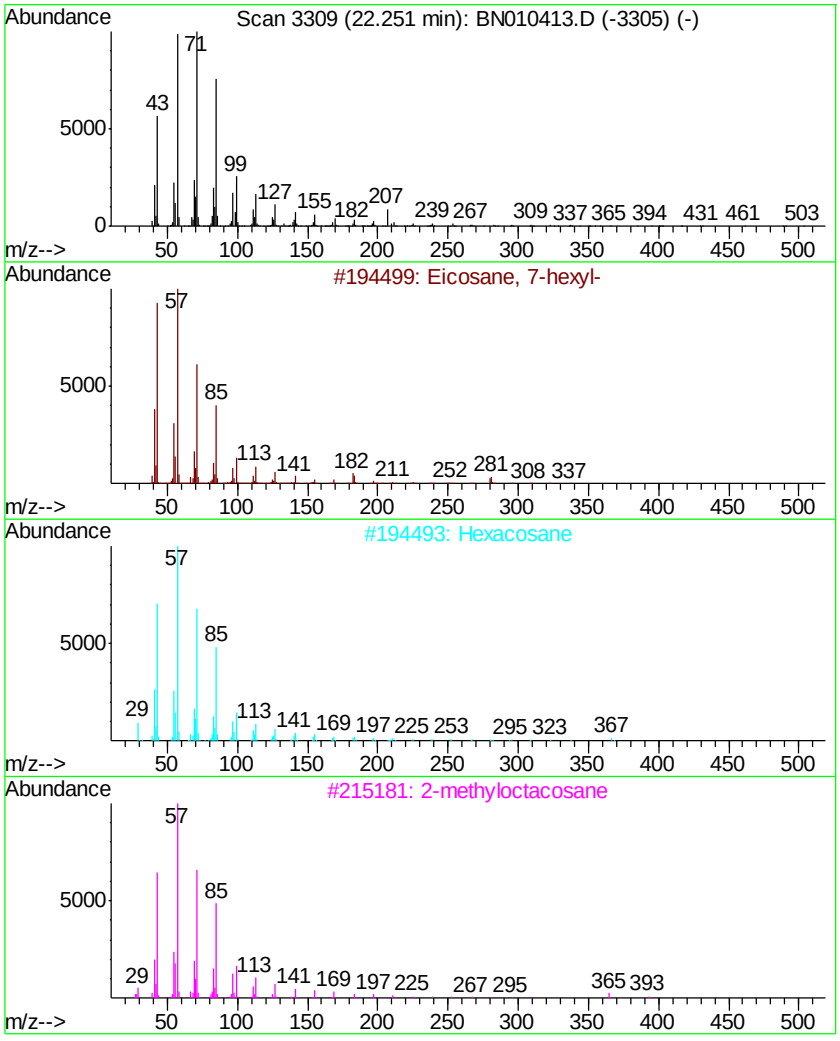
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

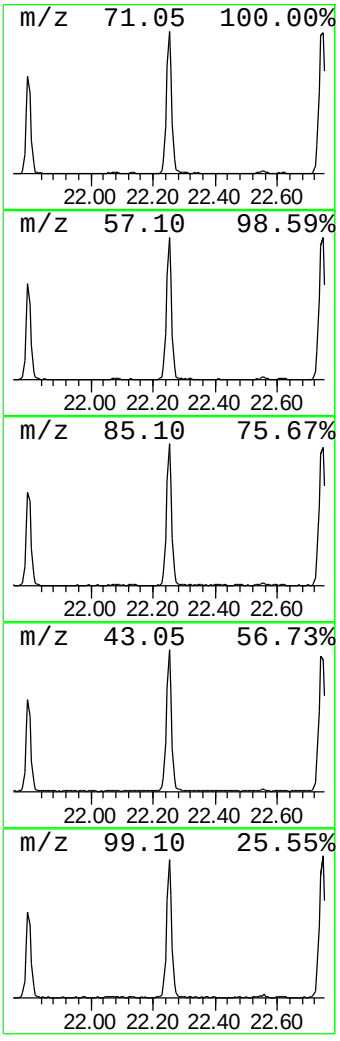
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	5.36 ng/ul	2383780	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Instrument : BNA_N
ClientSampleId : C0F06

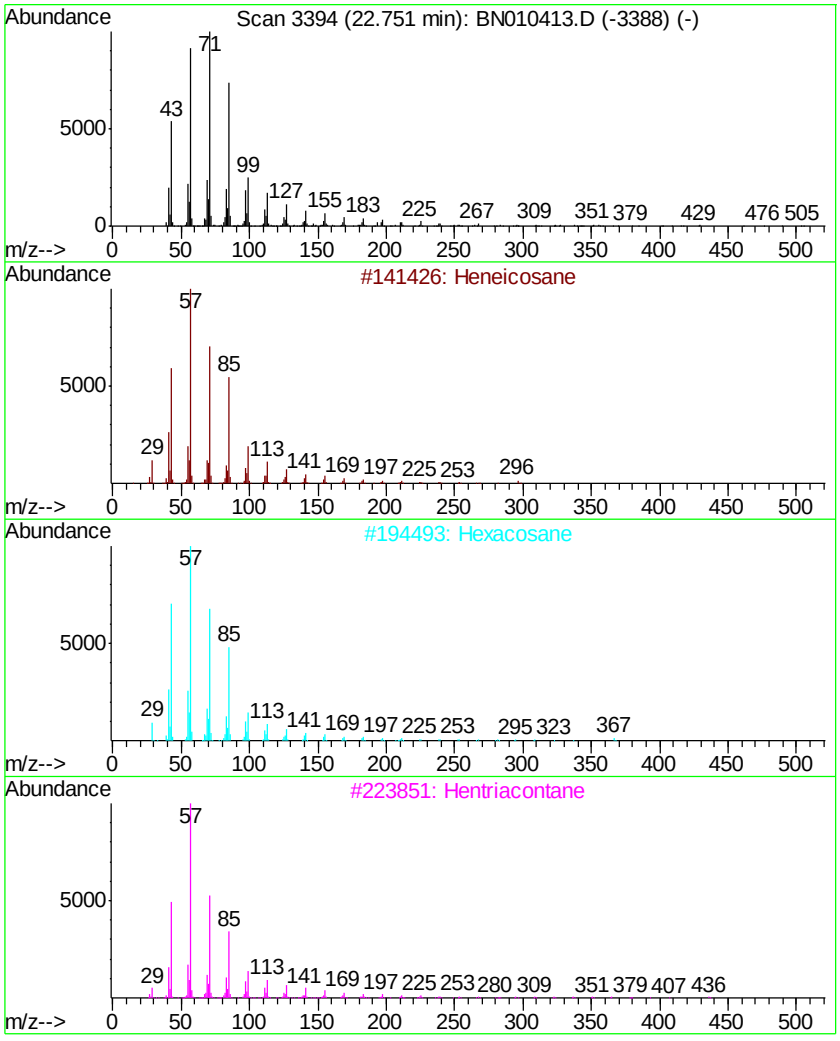
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

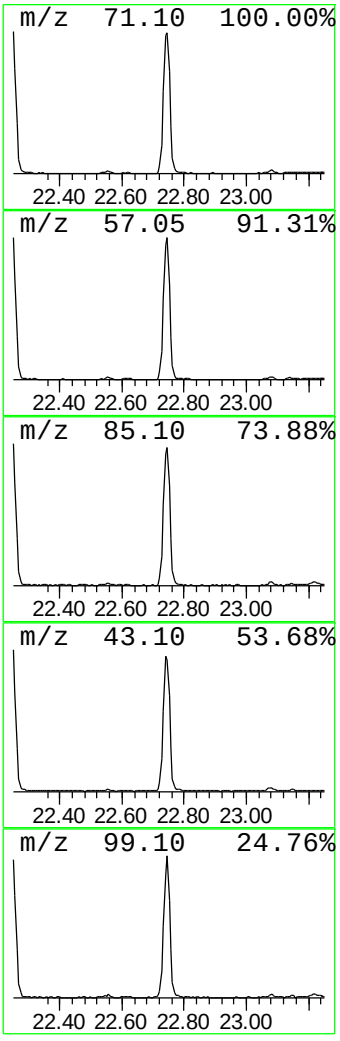
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	5.78 ng/ul	2788060	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Tetracosane	338	C24H50	000646-31-1	87





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Sample : L2158-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F06

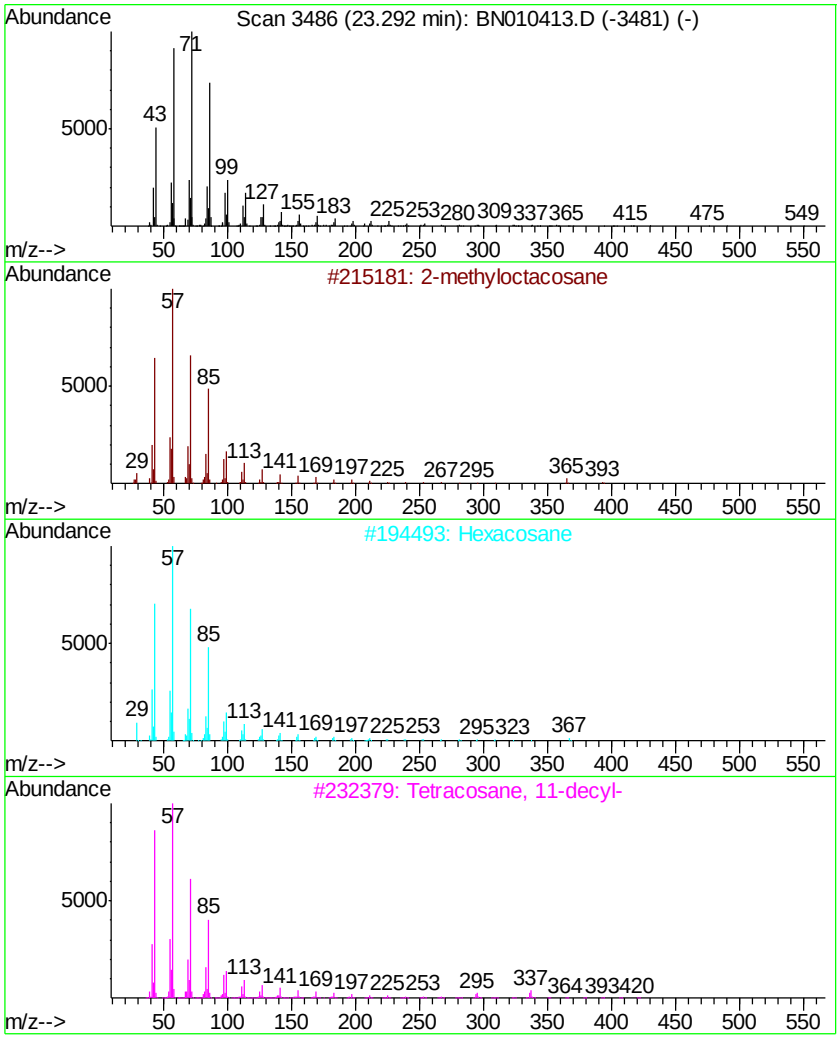
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

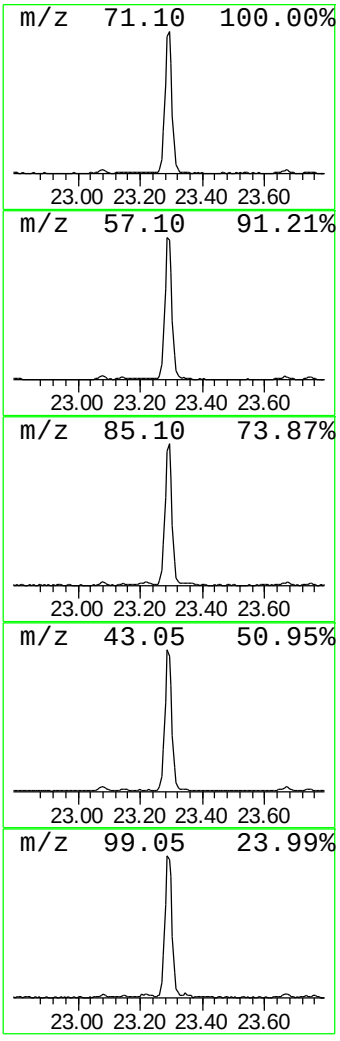
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	6.24 ng/ul	3009440	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Data File : BN010413.D
Acq On : 07 Apr 2020 12:22
Operator : CG/JU
Sample : L2158-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F06

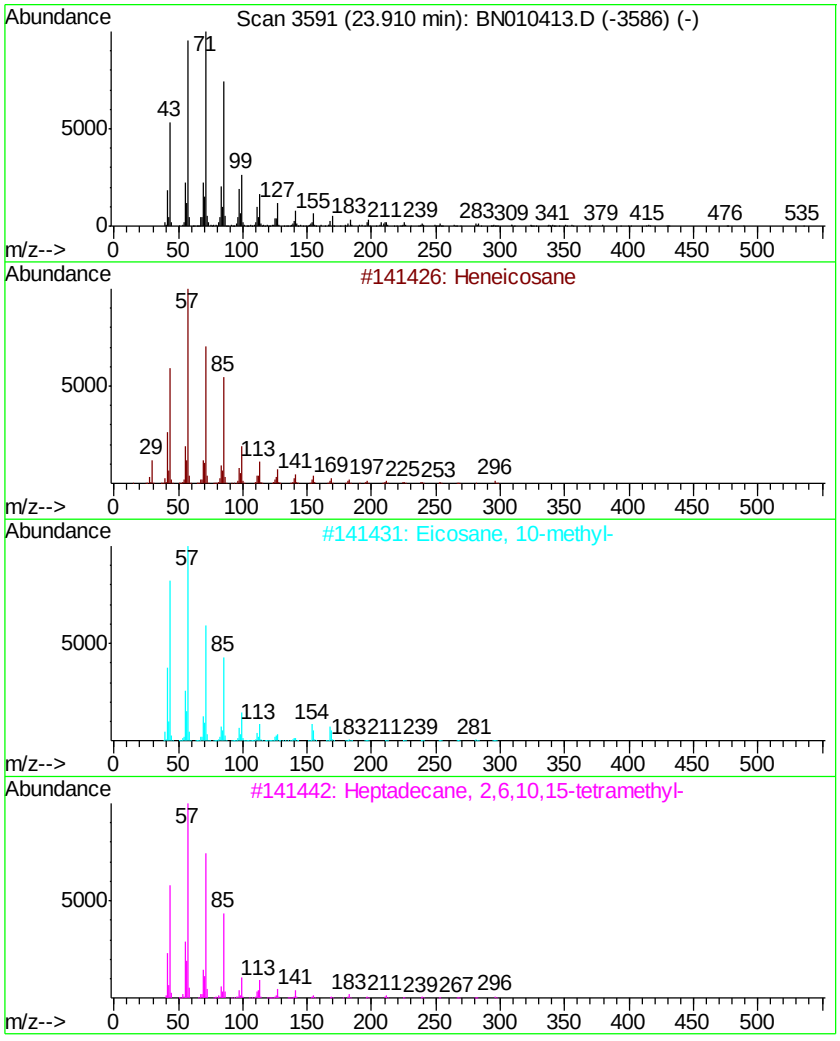
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

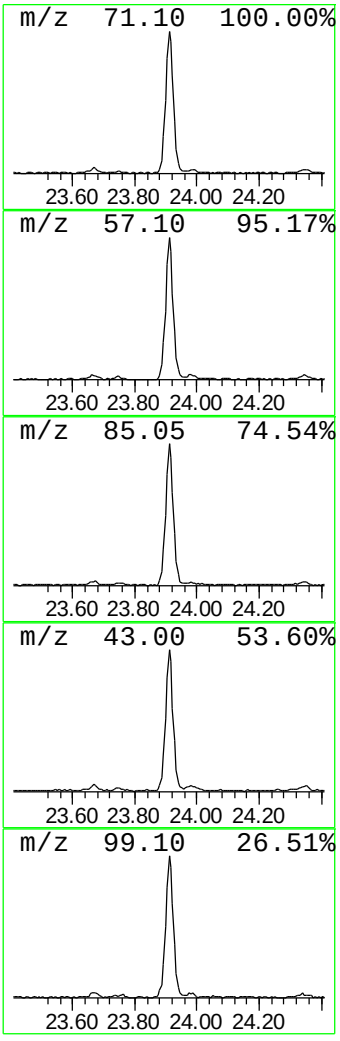
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	4.54 ng/ul	2191550	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040720\
Data File : BN010413.D
Acq On : 07 Apr 2020 12:22
Operator : CG/JU
Sample : L2158-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

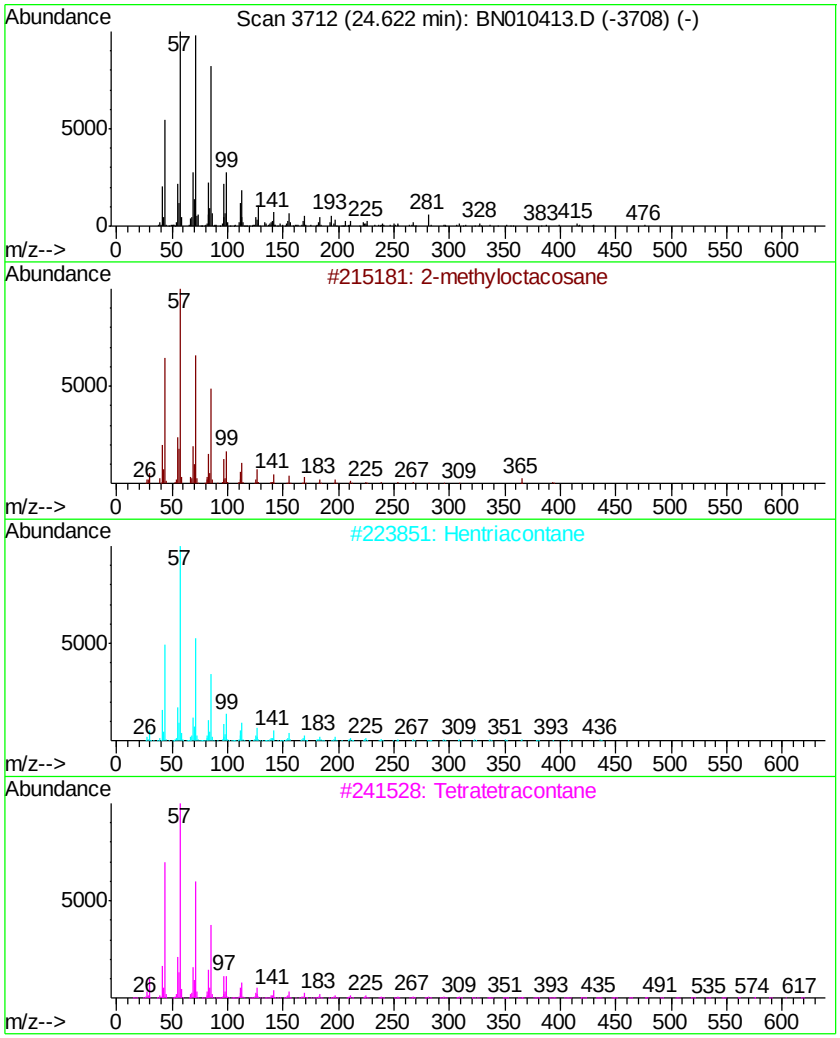
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

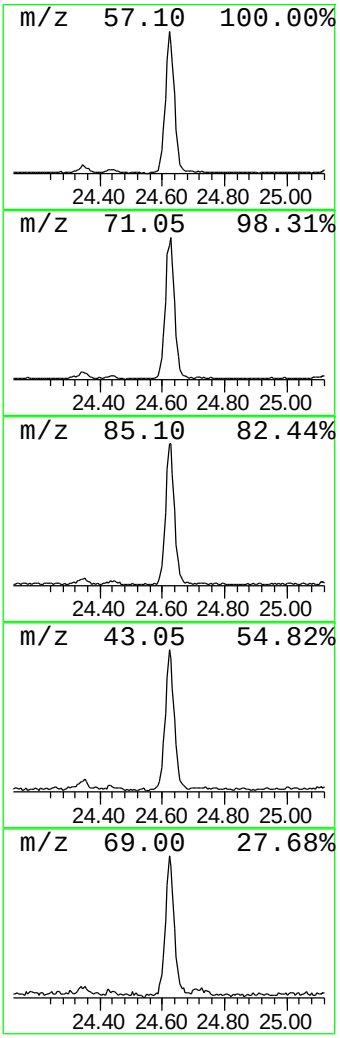
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	2.70 ng/ul	1302440	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040720\
Data File : BN010413.D
Acq On : 07 Apr 2020 12:22
Operator : CG/JU
Sample : L2158-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0F06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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...	2.96	7.2	ng/ul	851567	1	7.61	2367410	20.0
7,9-Di-tert-butyl...	17.67	4.3	ng/ul	1478660	4	16.98	6864410	20.0
(DEL) Alkane: Str...	21.80	3.7	ng/ul	1639470	5	21.18	8902580	20.0
(DEL) Alkane: Str...	22.25	5.4	ng/ul	2383780	5	21.18	8902580	20.0
(DEL) Alkane: Str...	22.75	5.8	ng/ul	2788060	6	23.35	9650450	20.0
(DEL) Alkane: Str...	23.29	6.2	ng/ul	3009440	6	23.35	9650450	20.0
(DEL) Alkane: Str...	23.91	4.5	ng/ul	2191550	6	23.35	9650450	20.0
(DEL) Alkane: Str...	24.62	2.7	ng/ul	1302440	6	23.35	9650450	20.0