LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040720\
Data File : BN010415.D
Acq On : 07 Apr 2020 13:34
Operator : CG/JU
Sample : L2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0EZ0

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	27	rBV	180342	354775	1.92%	0.224%
2	2.969	27	31	45	rVB	409187	725276	3.93%	0.459%
3	3.181	62	67	91	rVB	2425727	4975003	26.99%	3.147%
4	3.916	188	192	200	rVB	51443	84236	0.46%	0.053%
5	4.422	272	278	288	rBV	214087	363611	1.97%	0.230%
6	5.751	499	504	509	rBV6	14315	27043	0.15%	0.017%
7	6.793	675	681	690	rBV	344434	607108	3.29%	0.384%
8	6.951	702	708	721	rBV	1614553	2598185	14.10%	1.644%
9	7.151	735	742	751	rBV	1680204	2795645	15.17%	1.769%
10	7.610	813	820	828	rBV	1698860	2683354	14.56%	1.698%
11	7.687	830	833	838	rVB4	13707	21636	0.12%	0.014%
12	8.310	932	939	950	rBV	1242073	1933918	10.49%	1.223%
13	8.745	1003	1013	1021	rBV	2093510	3337336	18.11%	2.111%
14	9.228	1089	1095	1102	rVB2	71919	106834	0.58%	0.068%
15	9.457	1127	1134	1149	rBV	1697953	2745674	14.90%	1.737%
16	9.992	1218	1225	1240	rBV	2886423	4612455	25.02%	2.918%
17	10.369	1281	1289	1300	rBV	2455714	4039680	21.92%	2.556%
18	10.498	1305	1311	1322	rBV	117898	219742	1.19%	0.139%
19	11.187	1423	1428	1432	rBV6	10045	19039	0.10%	0.012%
20	11.716	1507	1518	1523	rVB2	84064	125506	0.68%	0.079%
21	11.957	1553	1559	1565	rBV	57241	87144	0.47%	0.055%
22	13.651	1839	1847	1851	rBV	5800146	7811609	42.38%	4.942%
23	13.692	1851	1854	1863	rVB	987612	1393855	7.56%	0.882%
24	13.922	1886	1893	1911	rBV	6880397	9618696	52.18%	6.085%
25	14.233	1939	1946	1954	rBV	4060882	5822849	31.59%	3.684%
26	14.433	1974	1980	1993	rBV	236022	438612	2.38%	0.277%
27	15.069	2084	2088	2092	rBV2	27476	36470	0.20%	0.023%
28	15.233	2109	2116	2125	rBV	8327650	12203445	66.20%	7.720%
29	15.345	2129	2135	2148	rVV	2206195	2985481	16.20%	1.889%
30	15.469	2151	2156	2162	rVB2	103433	157874	0.86%	0.100%
31	15.927	2229	2234	2241	rVB9	17616	34244	0.19%	0.022%
32	16.016	2246	2249	2255	rVB3	38237	52552	0.29%	0.033%
33	16.663	2355	2359	2364	rVB5	19858	27756	0.15%	0.018%
34	16.774	2373	2378	2382	rBV5	17761	35160	0.19%	0.022%

LSC Area Percent Report

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Acq On : 07 Apr 2020 13:34
Operator : CG/JU
Sample : L2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0EZ0

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	16.980	2406	2413	2419	rBV	5025644	7153169	38.81%	4.525%
36	17.074	2423	2429	2446	rVV	9555331	13518079	73.34%	8.552%
37	17.898	2565	2569	2576	rBV	265009	400902	2.17%	0.254%
38	18.204	2616	2621	2624	rBV7	14829	25048	0.14%	0.016%
39	19.010	2754	2758	2764	rBV	118971	183202	0.99%	0.116%
40	19.192	2785	2789	2795	rBV5	108510	175285	0.95%	0.111%
41	19.263	2797	2801	2806	rVB2	110256	151136	0.82%	0.096%
42	19.380	2814	2821	2828	rBV	12315644	16869514	91.52%	10.672%
43	20.921	3079	3083	3090	rBV2	863682	1220818	6.62%	0.772%
44	21.180	3121	3127	3134	rBV	7290846	9024672	48.96%	5.709%
45	21.374	3156	3160	3164	rBV	360916	432020	2.34%	0.273%
46	21.798	3229	3232	3240	rBV2	700306	793331	4.30%	0.502%
47	22.251	3305	3309	3314	rBV	1018123	1230110	6.67%	0.778%
48	22.739	3388	3392	3398	rBV	1084467	1535014	8.33%	0.971%
49	23.221	3466	3474	3480	rBV	10374856	18432969	100.00%	11.661%
50	23.286	3481	3485	3490	rVV	1104527	1801547	9.77%	1.140%
51	23.351	3490	3496	3507	rVB	5445021	9735099	52.81%	6.159%
52	23.909	3586	3591	3599	rVB3	784154	1400088	7.60%	0.886%
53	24.621	3708	3712	3721	rVB2	470414	904712	4.91%	0.572%

Sum of corrected areas: 158068518

LSC Report - Integrated Chromatogram

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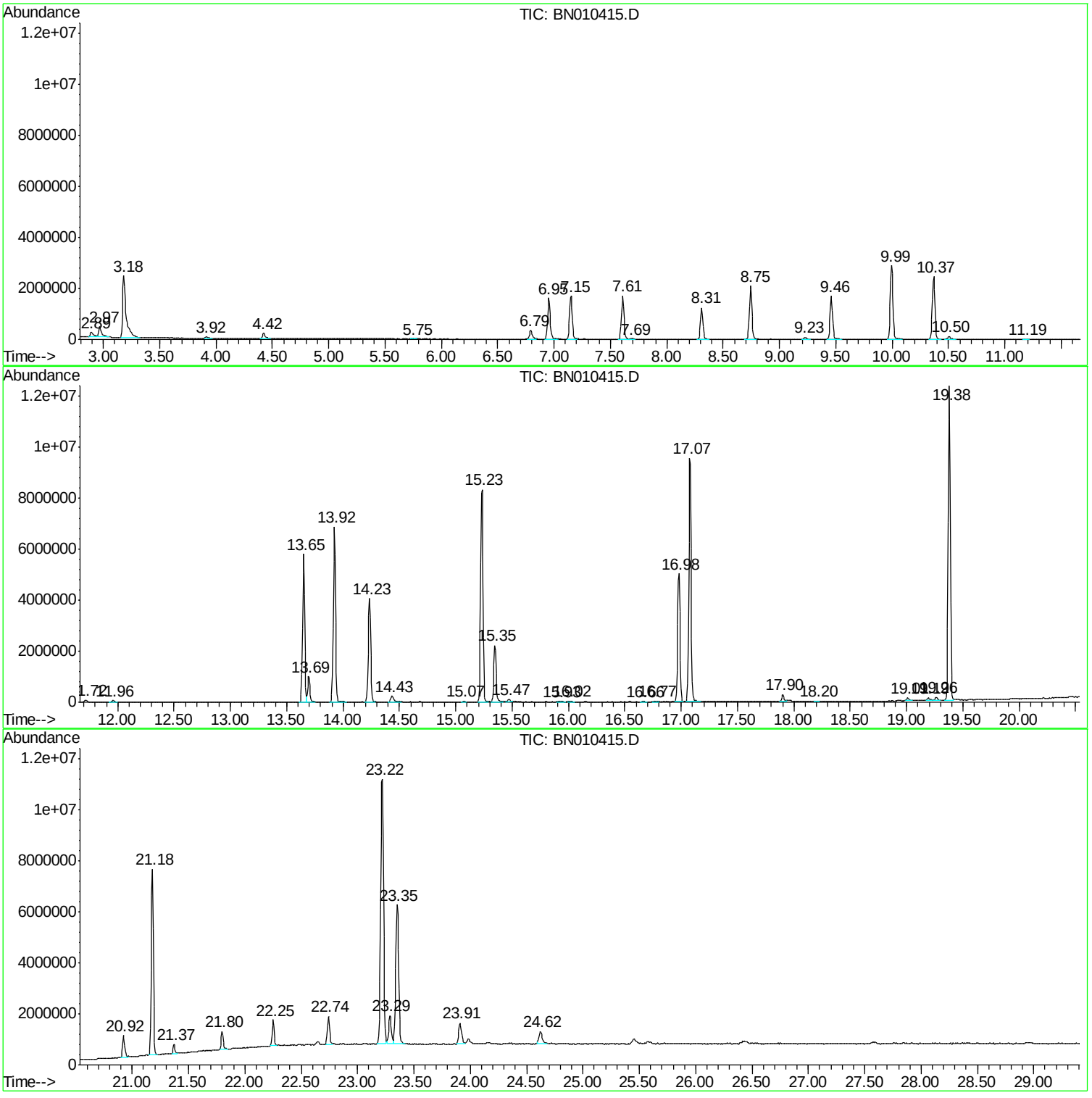
Data File : BN010415.D
Acq On : 07 Apr 2020 13:34
Operator : CG/JU
Sample : L2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0EZ0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040720\
Data File : BN010415.D
Acq On : 07 Apr 2020 13:34
Operator : CG/JU
Sample : L2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0EZ0

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

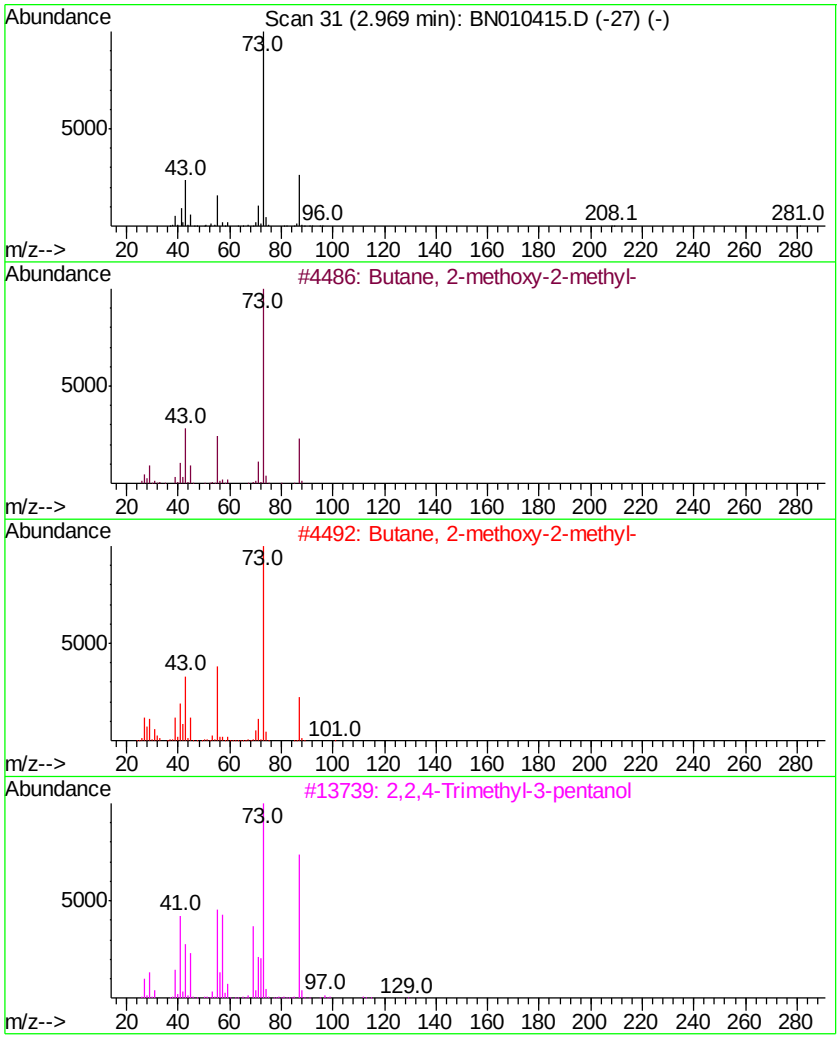
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

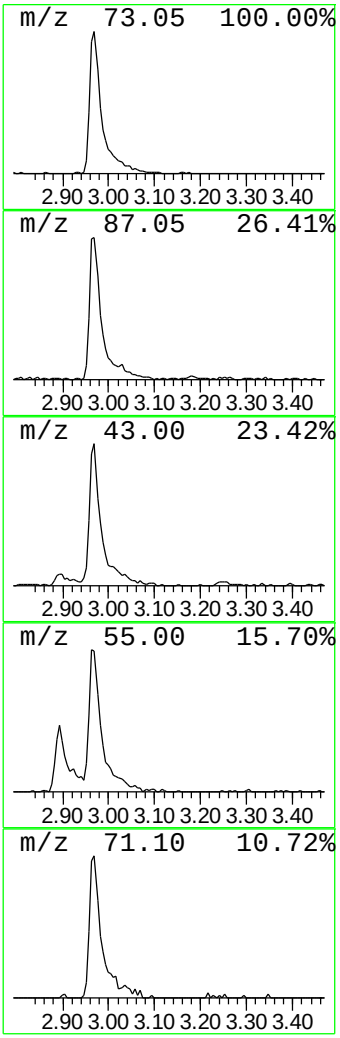
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	5.41 ng/ul	725276	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040720\
Data File : BN010415.D
Acq On : 07 Apr 2020 13:34
Operator : CG/JU
Sample : L2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0EZ0

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

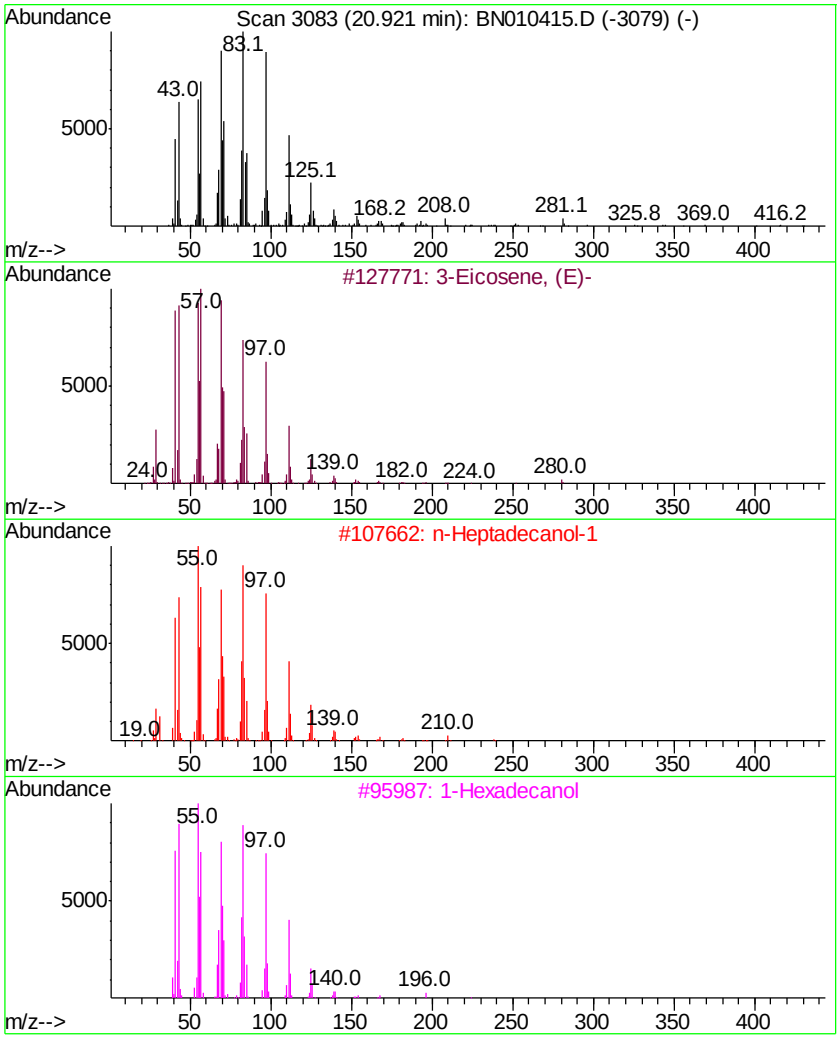
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

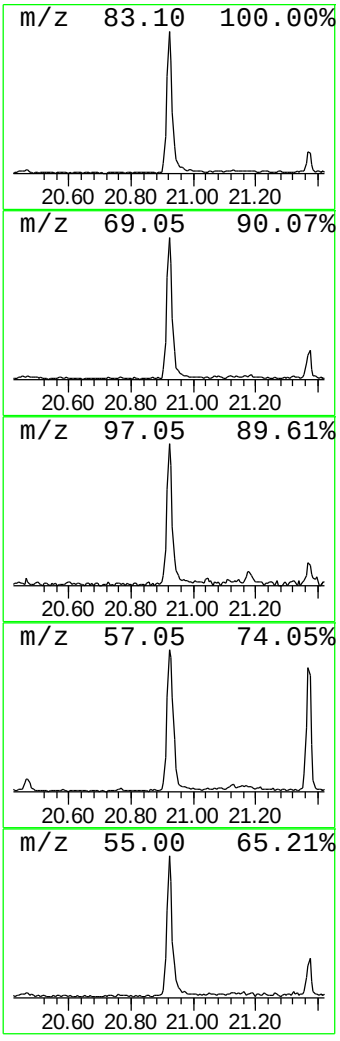
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.71 ng/ul	1220820	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	1-Docosene	308	C22H44	001599-67-3	76
5	1-Octadecene	252	C18H36	000112-88-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040720\
Data File : BN010415.D
Acq On : 07 Apr 2020 13:34
Operator : CG/JU
Sample : L2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0EZ0

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

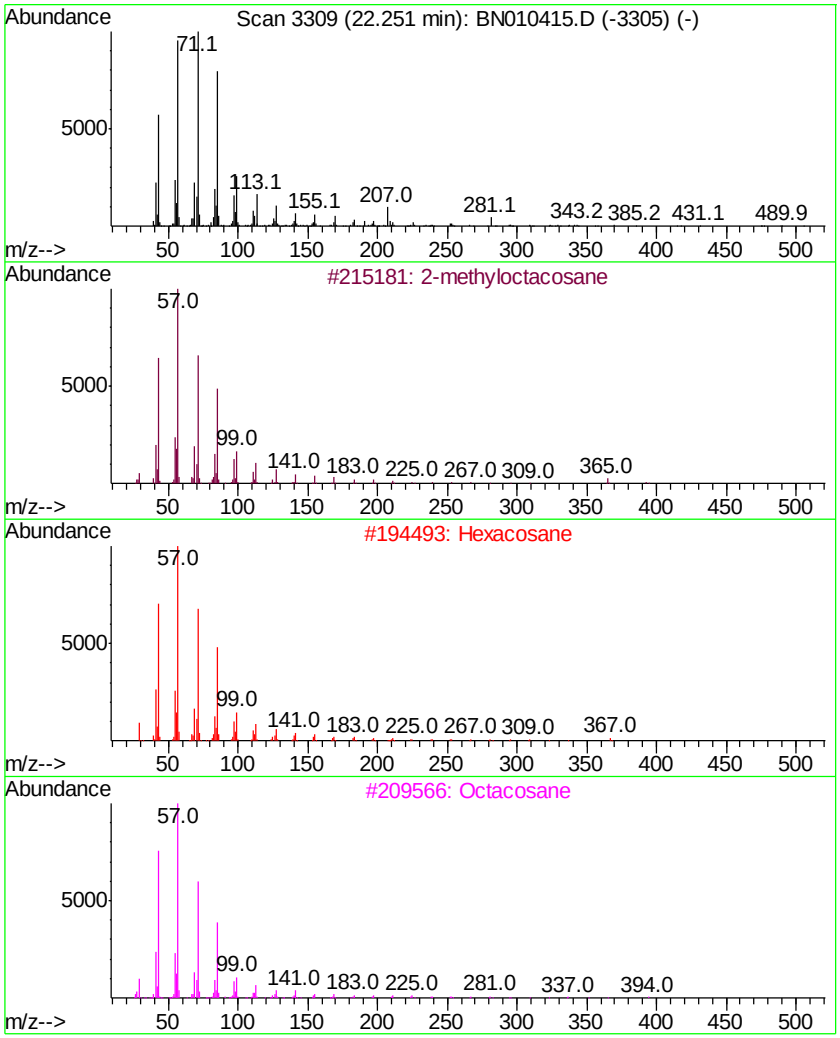
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

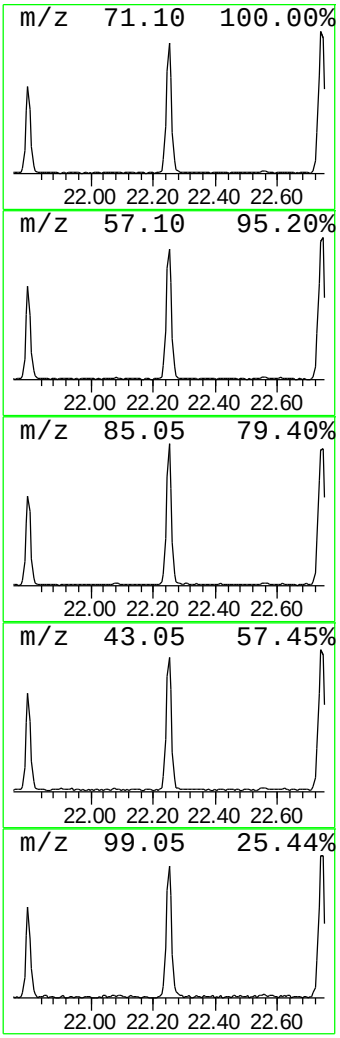
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.73 ng/ul	1230110	Chrysene-d12	21.18

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	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

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Operator : CG/JU
Sample : L2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0EZ0

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

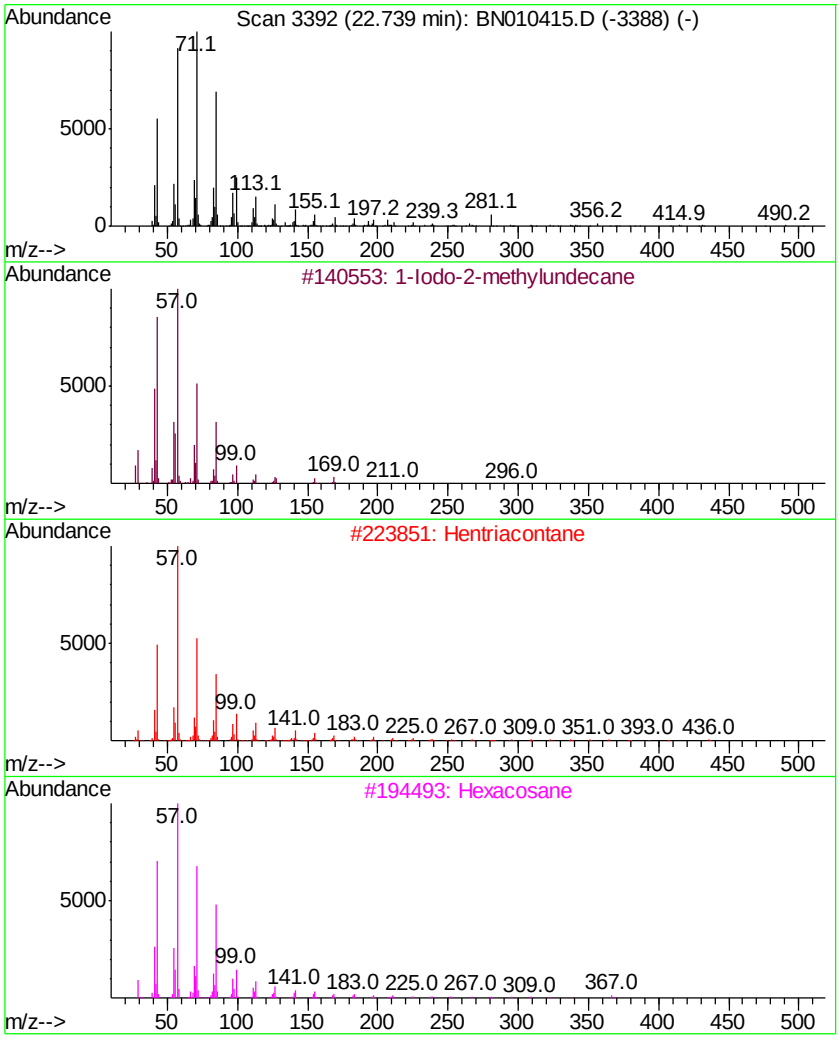
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

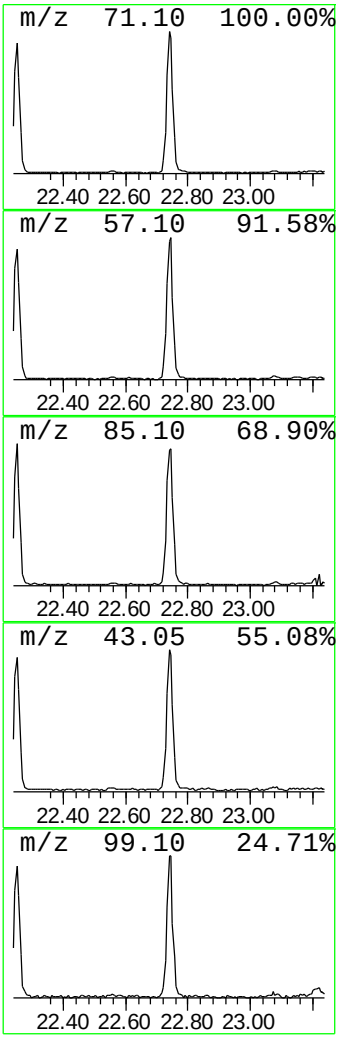
****

Peak Number 6 1-Iodo-2-methylundecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	3.15 ng/ul	1535010	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Sample : L2158-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0EZ0

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

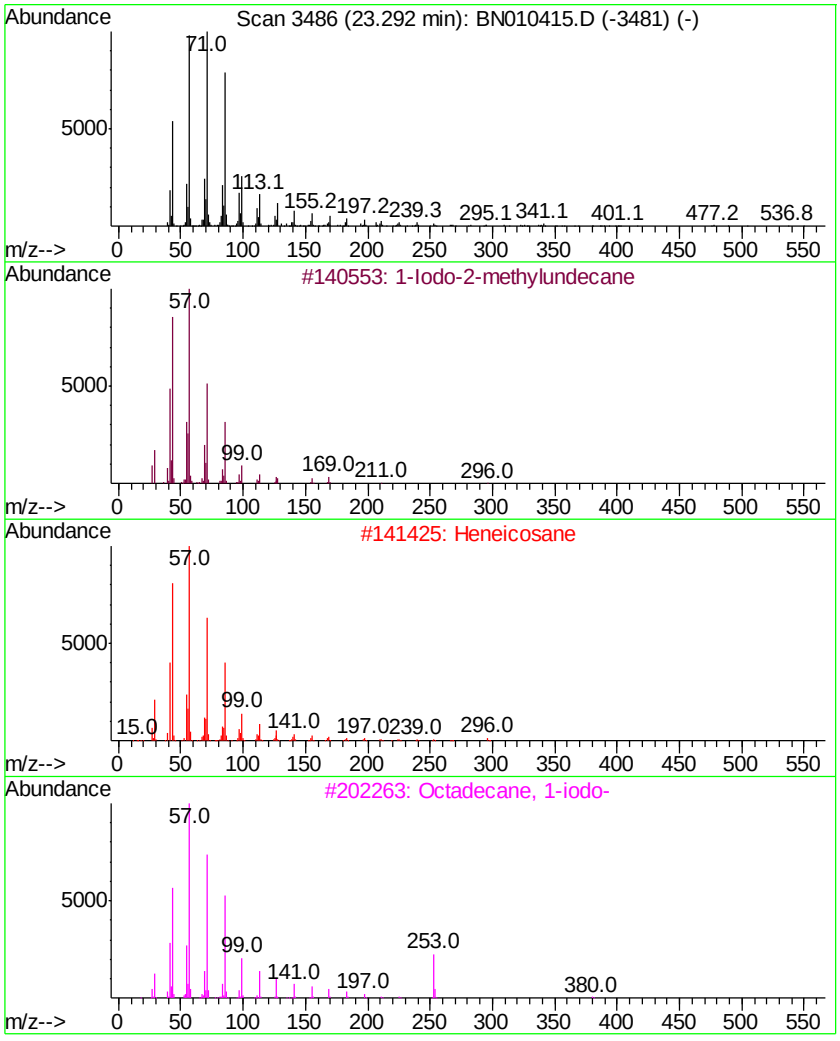
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

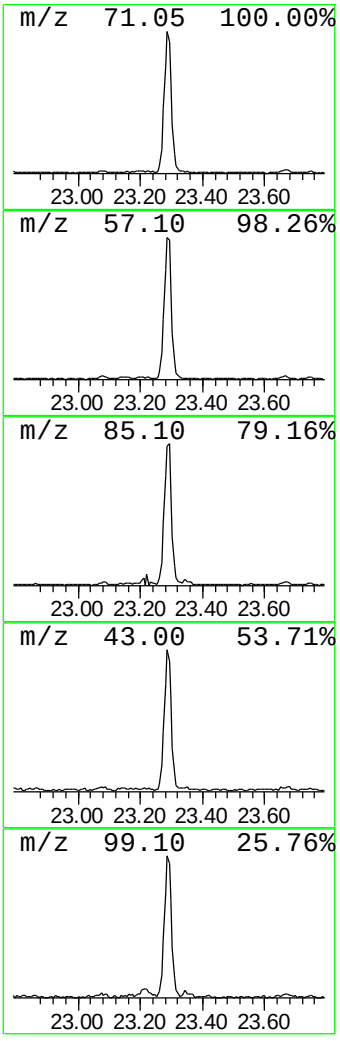
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	3.70 ng/ul	1801550	Perylene-d12	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : C0EZ0

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

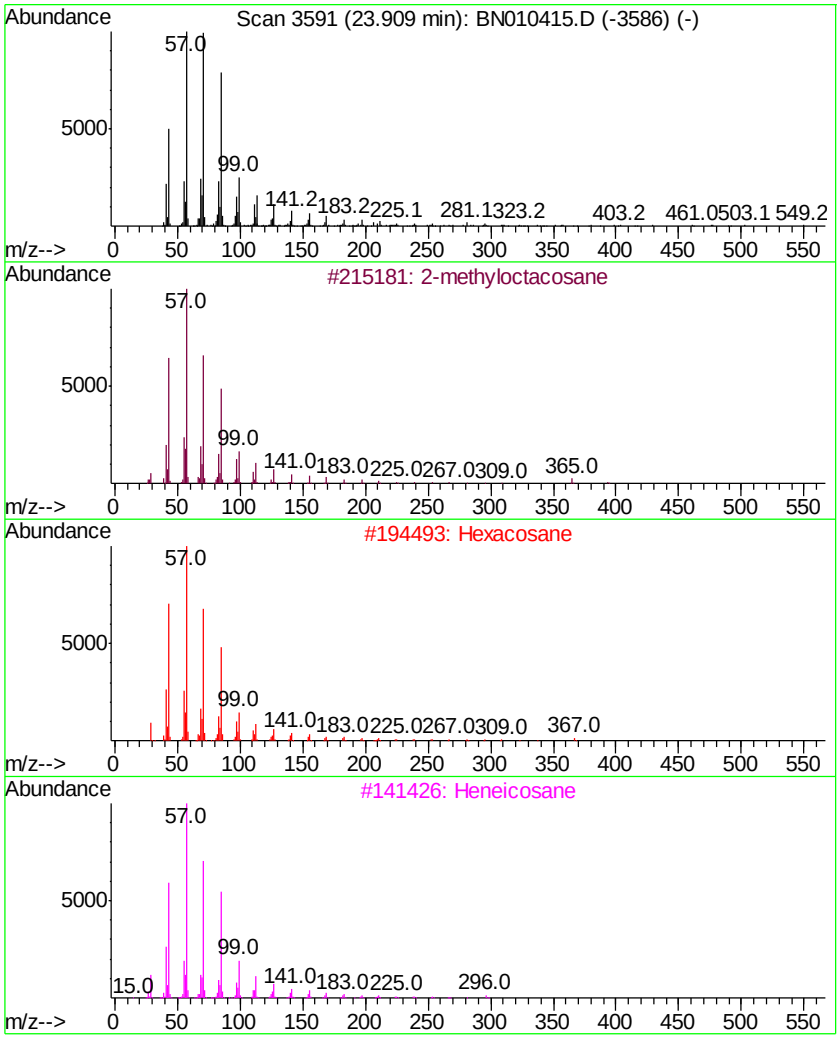
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

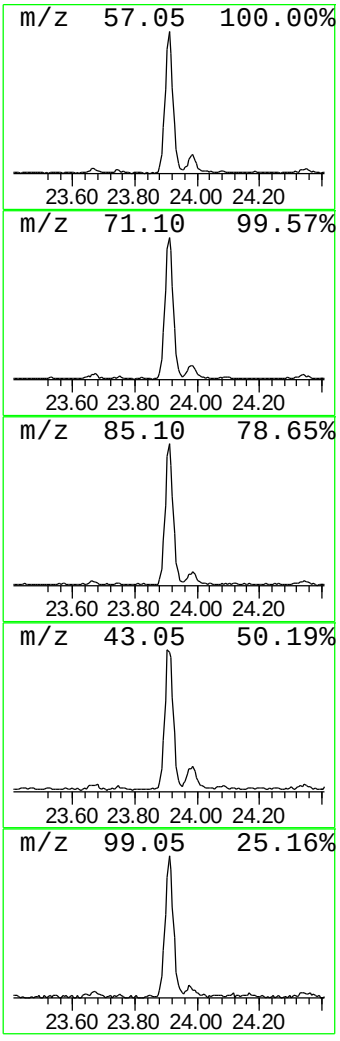
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.88 ng/ul	1400090	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	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_N
ClientSampleId : C0EZ0

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...	2.97	5.4	ng/ul	725276	1	7.61	2683350	20.0
(DEL) Alkane: Str...	20.92	2.7	ng/ul	1220820	5	21.18	9024670	20.0
(DEL) Alkane: Str...	22.25	2.7	ng/ul	1230110	5	21.18	9024670	20.0
1-Iodo-2-methylun...	22.74	3.1	ng/ul	1535010	6	23.35	9735100	20.0
(DEL) Alkane: Str...	23.29	3.7	ng/ul	1801550	6	23.35	9735100	20.0
(DEL) Alkane: Str...	23.91	2.9	ng/ul	1400090	6	23.35	9735100	20.0