LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012113.D
Acq On : 08 Oct 2020 21:33
Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF6

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-BN100220.M
Title : SVOA CALIBRATION

Signal : TIC: BN012113.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	533	539	545	rBV	46145	75540	0.23%	0.063%
2	6.822	643	652	664	rBV	264717	468207	1.42%	0.391%
3	6.987	674	680	688	rBV	848821	1304379	3.95%	1.089%
4	7.181	706	713	721	rBV	973580	1511787	4.57%	1.262%
5	7.552	773	776	780	rVB2	26333	36678	0.11%	0.031%
6	7.646	783	792	800	rBV	1001571	1542120	4.67%	1.287%
7	8.016	849	855	861	rBV	128730	205507	0.62%	0.172%
8	8.287	896	901	905	rBV4	25688	46245	0.14%	0.039%
9	8.346	905	911	923	rVB	748953	1184604	3.58%	0.989%
10	8.481	928	934	940	rVB	44094	83516	0.25%	0.070%
11	8.652	958	963	970	rBV5	35233	53816	0.16%	0.045%
12	8.746	974	979	981	rVV3	38132	56871	0.17%	0.047%
13	8.793	981	987	997	rVB	1103102	1763321	5.33%	1.472%
14	8.981	1013	1019	1025	rVB9	22519	45474	0.14%	0.038%
15	9.087	1030	1037	1046	rVB4	36680	73604	0.22%	0.061%
16	9.434	1092	1096	1102	rBV7	21988	37583	0.11%	0.031%
17	9.510	1102	1109	1116	rBV	978431	1563965	4.73%	1.305%
18	9.622	1123	1128	1133	rBV	19989	36024	0.11%	0.030%
19	9.675	1133	1137	1140	rVV3	32661	54016	0.16%	0.045%
20	9.822	1159	1162	1169	rBV7	18421	35015	0.11%	0.029%
21	10.046	1193	1200	1208	rVV	1362036	2279600	6.90%	1.903%
22	10.422	1256	1264	1270	rBV	1301360	2158433	6.53%	1.801%
23	10.475	1270	1273	1279	rVV5	31844	53935	0.16%	0.045%
24	10.587	1279	1292	1300	rVB2	157946	474419	1.44%	0.396%
25	10.881	1339	1342	1354	rVB9	19111	45730	0.14%	0.038%
26	10.993	1354	1361	1365	rBV8	34163	72528	0.22%	0.061%
27	11.251	1400	1405	1409	rBV8	18340	35693	0.11%	0.030%
28	11.528	1446	1452	1460	rVB2	84218	159772	0.48%	0.133%
29	11.628	1462	1469	1473	rBV8	19312	46489	0.14%	0.039%
30	11.734	1484	1487	1494	rVB7	25071	60080	0.18%	0.050%
31	11.810	1494	1500	1508	rBV6	51283	115067	0.35%	0.096%
32	11.916	1508	1518	1523	rBV3	60411	149836	0.45%	0.125%
33	11.981	1523	1529	1534	rBV2	136721	251345	0.76%	0.210%
34	12.151	1551	1558	1562	rBV7	33369	67491	0.20%	0.056%
35	12.622	1636	1638	1643	rVB6	24800	34248	0.10%	0.029%
36	12.704	1645	1652	1655	rBV7	46775	93405	0.28%	0.078%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF6

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-BN100220.M
Title : SVOA CALIBRATION

37	12.987	1694	1700	1707	rVB	349439	538044	1.63%	0.449%
38	13.116	1714	1722	1728	rBV	70029	125511	0.38%	0.105%
39	13.251	1739	1745	1748	rBV4	61940	103870	0.31%	0.087%
40	13.292	1748	1752	1763	rVB	298670	509294	1.54%	0.425%
41	13.422	1769	1774	1777	rBV	68466	107593	0.33%	0.090%
42	13.463	1777	1781	1785	rVV6	20995	34895	0.11%	0.029%
43	13.698	1815	1821	1826	rBV	2918177	4063741	12.29%	3.392%
44	13.745	1826	1829	1837	rVB	132869	186154	0.56%	0.155%
45	13.892	1849	1854	1858	rBV8	23514	43469	0.13%	0.036%
46	13.975	1861	1868	1875	rBV	3147514	4582801	13.86%	3.825%
47	14.187	1900	1904	1909	rBV7	26242	43335	0.13%	0.036%
48	14.239	1909	1913	1915	rVV4	32451	43545	0.13%	0.036%
49	14.287	1915	1921	1930	rVV	2030154	2992365	9.05%	2.497%
50	14.375	1933	1936	1941	rVV6	24404	34728	0.11%	0.029%
51	14.487	1948	1955	1963	rVB	251630	434860	1.32%	0.363%
52	14.687	1984	1989	1997	rVB	96423	180060	0.54%	0.150%
53	14.828	2007	2013	2017	rBV3	95362	161601	0.49%	0.135%
54	14.869	2017	2020	2023	rVV4	77044	115309	0.35%	0.096%
55	14.916	2023	2028	2038	rVB2	282330	480287	1.45%	0.401%
56	15.028	2044	2047	2051	rVB2	58447	72566	0.22%	0.061%
57	15.281	2084	2090	2096	rBV	4154997	5705183	17.26%	4.762%
58	15.334	2096	2099	2105	rVB	249616	336322	1.02%	0.281%
59	15.416	2105	2113	2123	rBV	7697534	12176102	36.83%	10.162%
60	15.634	2145	2150	2156	rVB4	97757	153321	0.46%	0.128%
61	15.704	2158	2162	2167	rBV5	53519	90252	0.27%	0.075%
62	15.804	2176	2179	2185	rVB5	68154	106310	0.32%	0.089%
63	15.869	2188	2190	2194	rVB4	32597	37958	0.11%	0.032%
64	15.963	2203	2206	2211	rVB7	28008	36364	0.11%	0.030%
65	16.322	2263	2267	2274	rBV3	77223	145421	0.44%	0.121%
66	16.386	2274	2278	2282	rBV	86064	114356	0.35%	0.095%
67	16.428	2282	2285	2288	rBV2	28005	39818	0.12%	0.033%
68	16.692	2322	2330	2345	rBV	23509523	33056469	100.00%	27.589%
69	16.804	2346	2349	2355	rVV6	99723	210929	0.64%	0.176%
70	16.851	2355	2357	2364	rVB	66642	106285	0.32%	0.089%
71	17.033	2382	2388	2395	rBV	2596259	3420736	10.35%	2.855%
72	17.133	2399	2405	2416	rBV	4615149	6392163	19.34%	5.335%
73	17.233	2417	2422	2426	rBV2	85434	130848	0.40%	0.109%
74	17.663	2493	2495	2499	rVB5	38706	36002	0.11%	0.030%
75	17.939	2537	2542	2549	rBV	556383	788389	2.38%	0.658%
76	18.092	2564	2568	2573	rVB7	52250	107622	0.33%	0.090%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012113.D
Acq On : 08 Oct 2020 21:33
Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF6

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-BN100220.M
Title : SVOA CALIBRATION

77	19.063	2731	2733	2737	rVB2	48387	50723	0.15%	0.042%
78	19.227	2757	2761	2768	rBV	168700	252457	0.76%	0.211%
79	19.316	2774	2776	2783	rVB3	72499	100558	0.30%	0.084%
80	19.433	2790	2796	2804	rBV	5754523	7501573	22.69%	6.261%
81	20.951	3050	3054	3061	rBV	1152787	1350348	4.08%	1.127%
82	21.233	3097	3102	3108	rBV	3093327	3815038	11.54%	3.184%
83	23.292	3446	3452	3465	rVB	4362403	8069802	24.41%	6.735%
84	23.433	3470	3476	3483	rVB2	2021731	3813097	11.54%	3.182%
85	23.957	3562	3565	3572	rVB3	306547	543489	1.64%	0.454%

Sum of corrected areas: 119818306

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Sample : L4259-04
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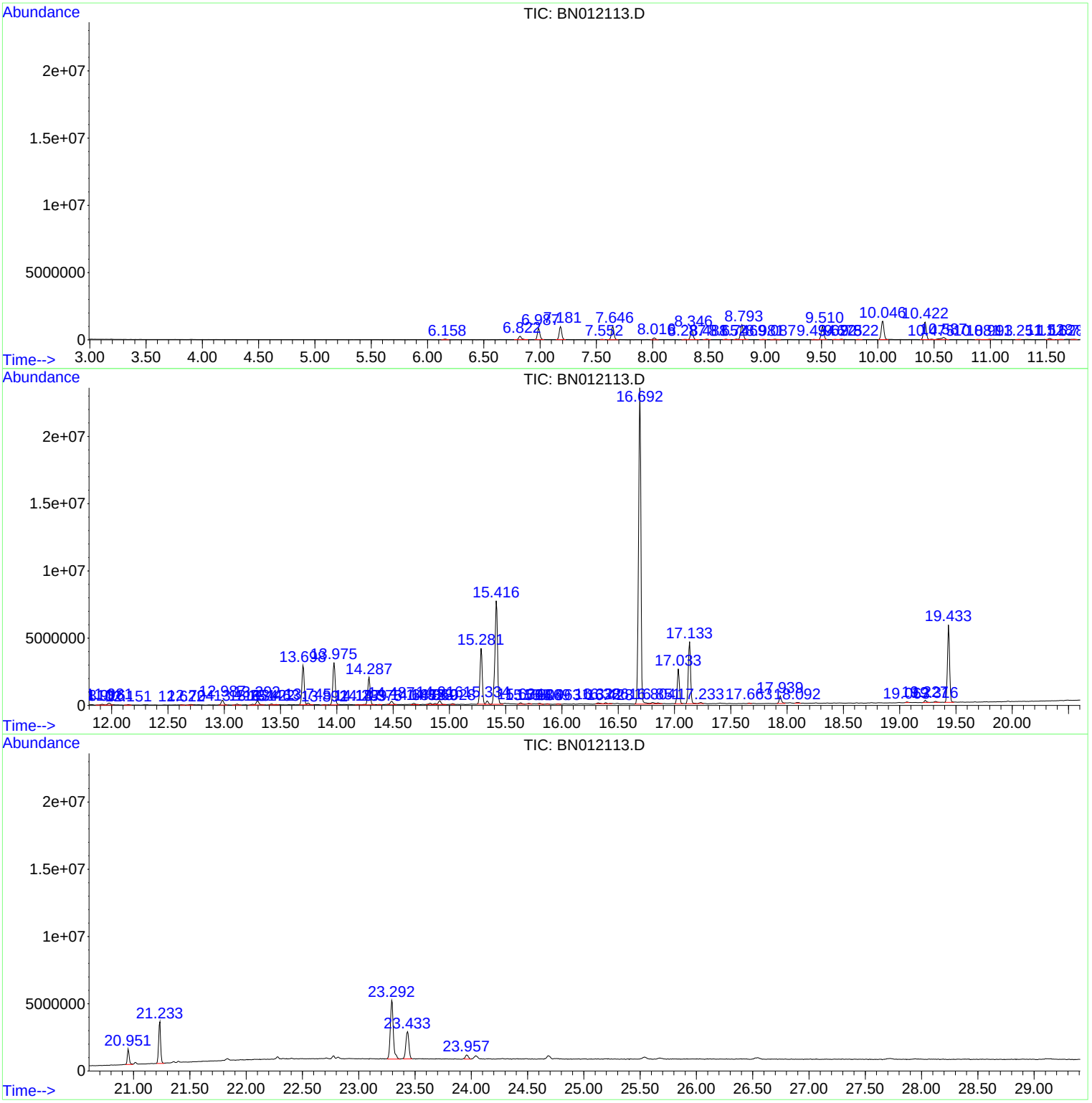
Instrument :
BNA_N
ClientSampleId :
C5CF6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012113.D
Acq On : 08 Oct 2020 21:33
Operator : CG/JU
Sample : L4259-04
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C5CF6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

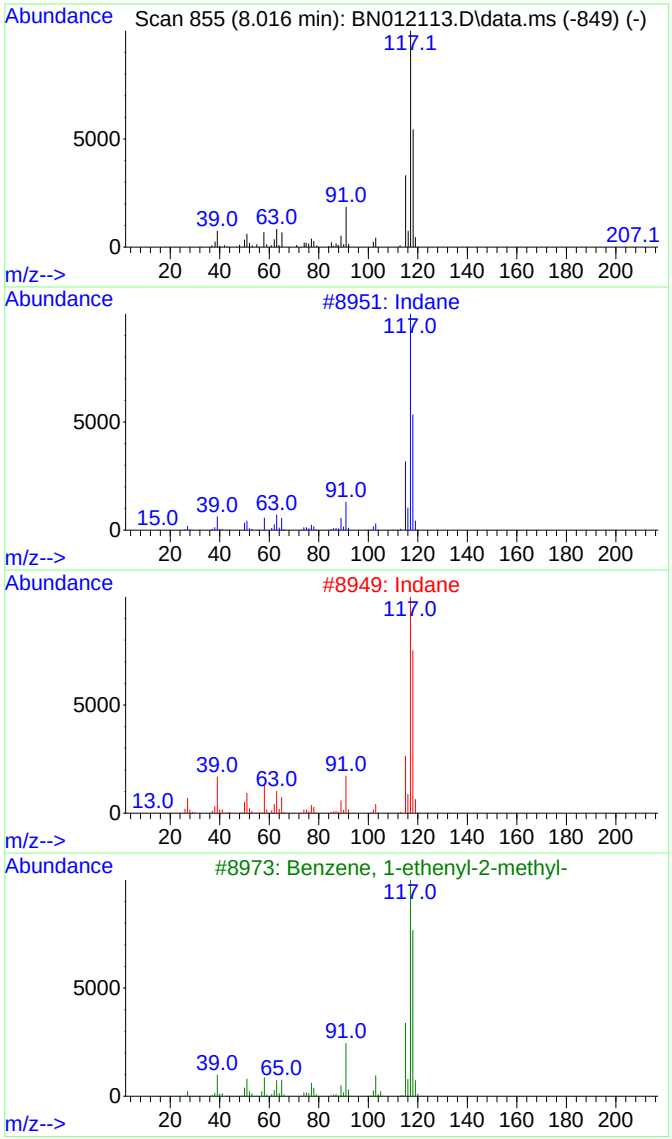
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

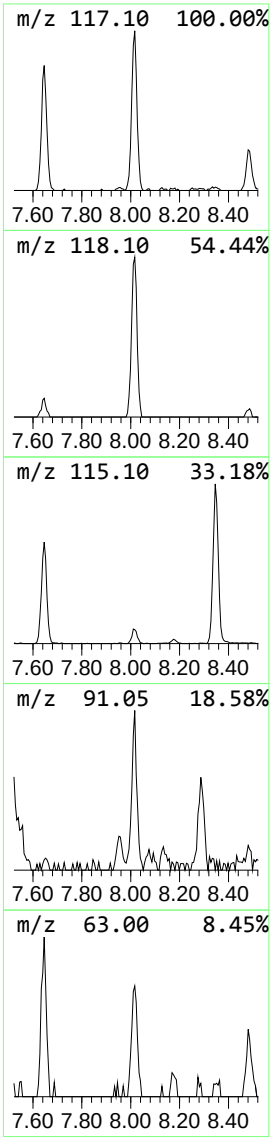
****

Peak Number 1 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.020	2.67 ng/ul	205507	1,4-Dichlorobenzene-d4	7.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012113.D
Acq On : 08 Oct 2020 21:33
Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF6

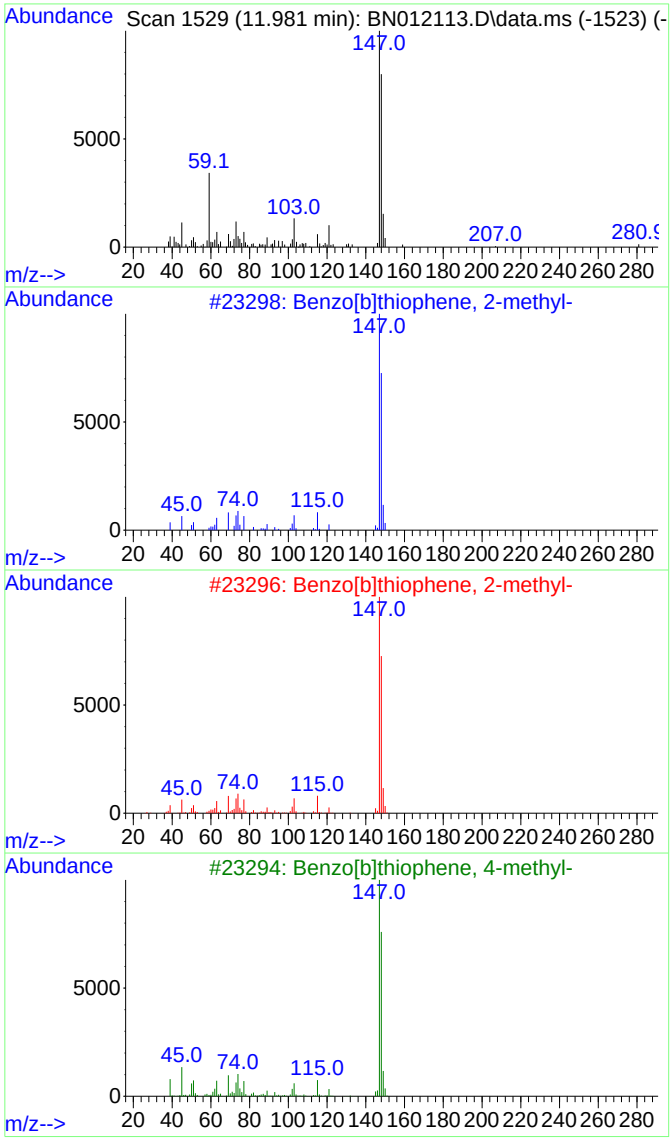
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

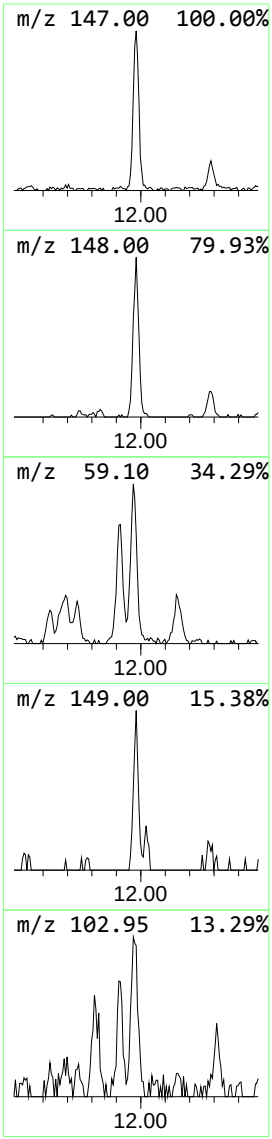
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzo[b]thiophene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	2.33 ng/ul	251345	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	80
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	80
5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012113.D
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Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF6

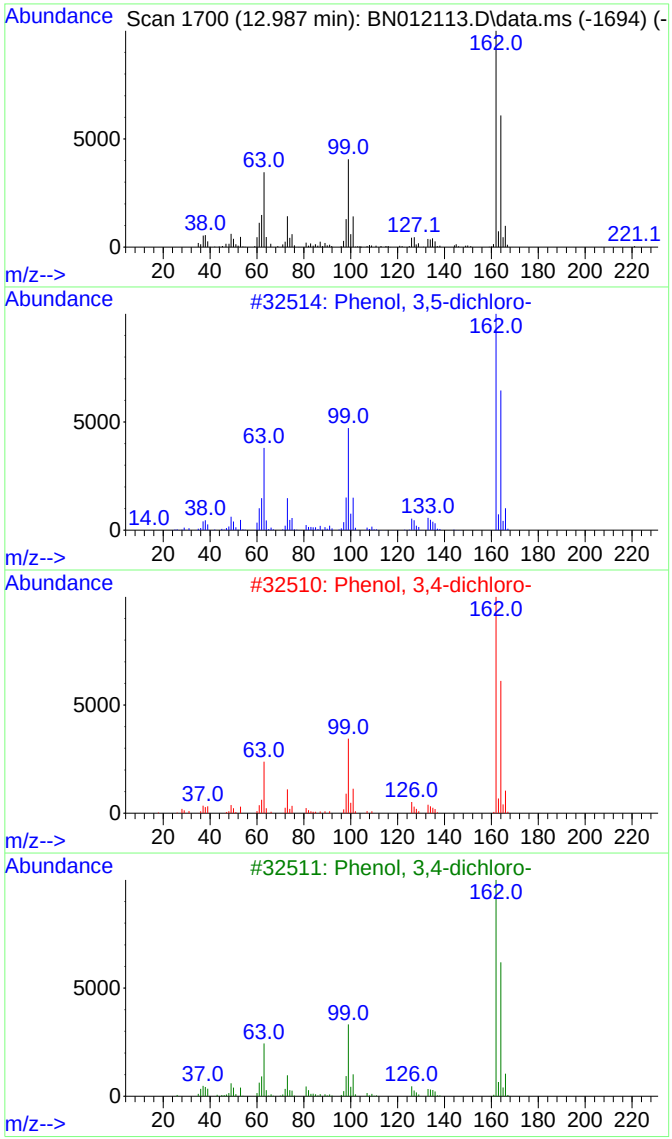
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

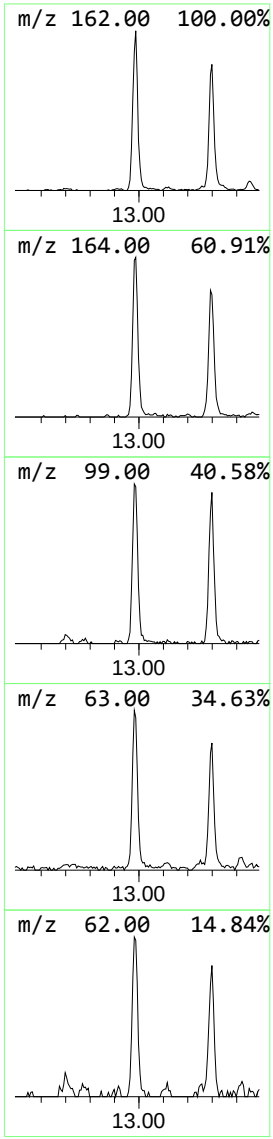
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 3,5-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.990	3.60 ng/ul	538044	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97





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Instrument : BNA_N
ClientSampleId : C5CF6

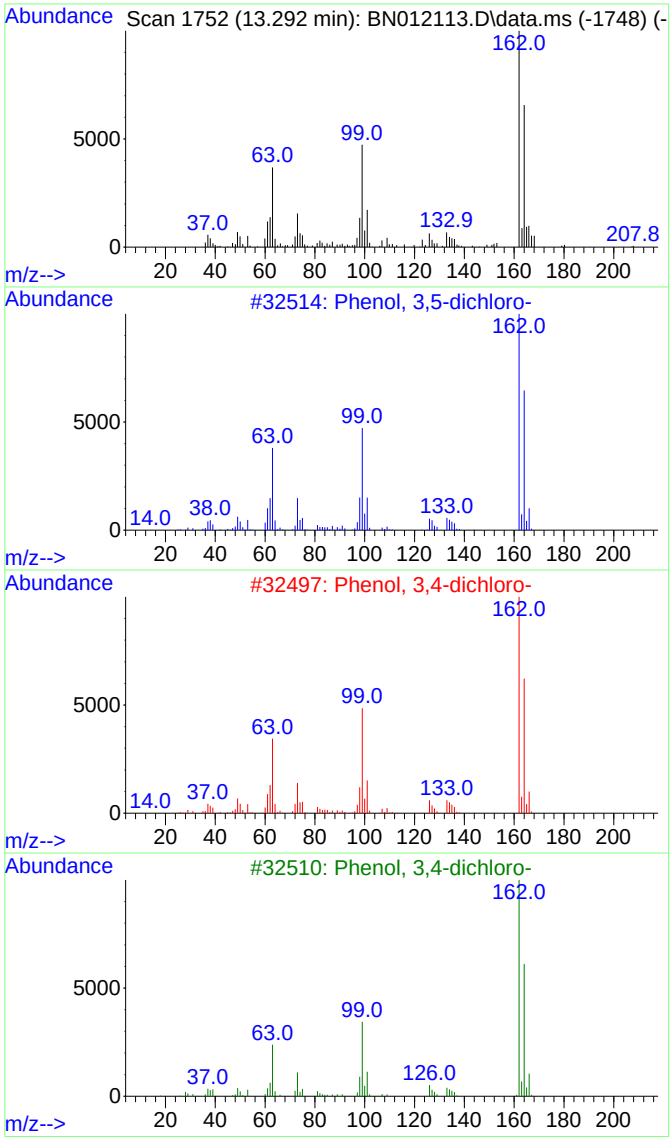
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

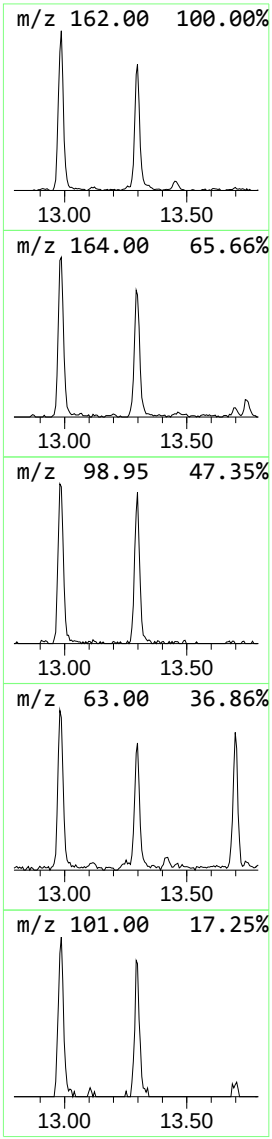
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 3,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.290	3.40 ng/ul	509294	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012113.D
Acq On : 08 Oct 2020 21:33
Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

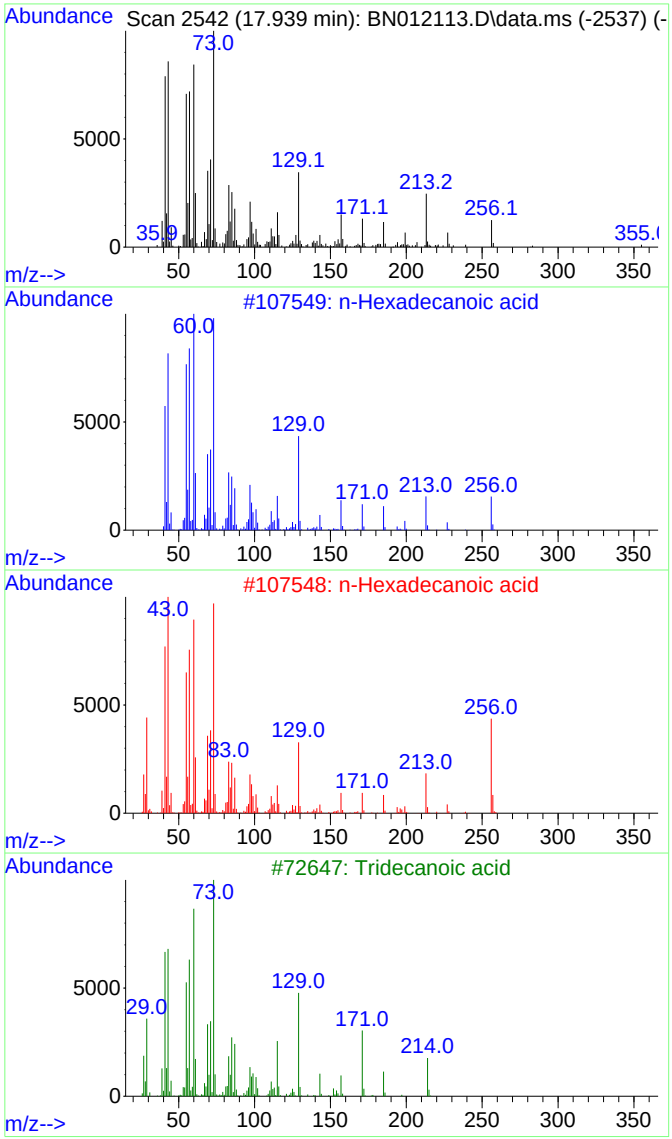
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

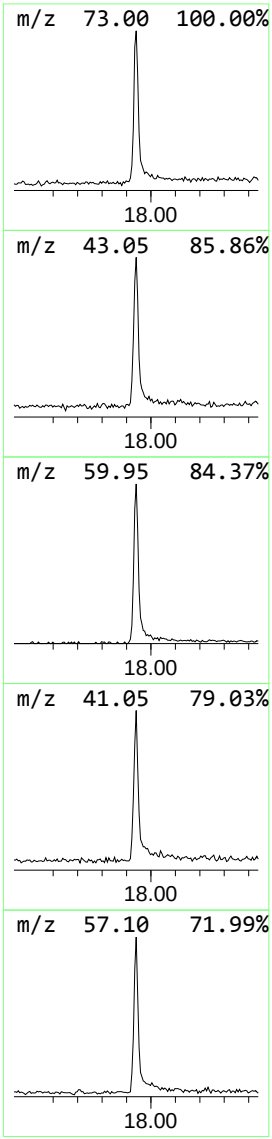
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.940	4.61 ng/ul	788389	Phenanthrene-d10	17.033

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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012113.D
Acq On : 08 Oct 2020 21:33
Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5CF6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

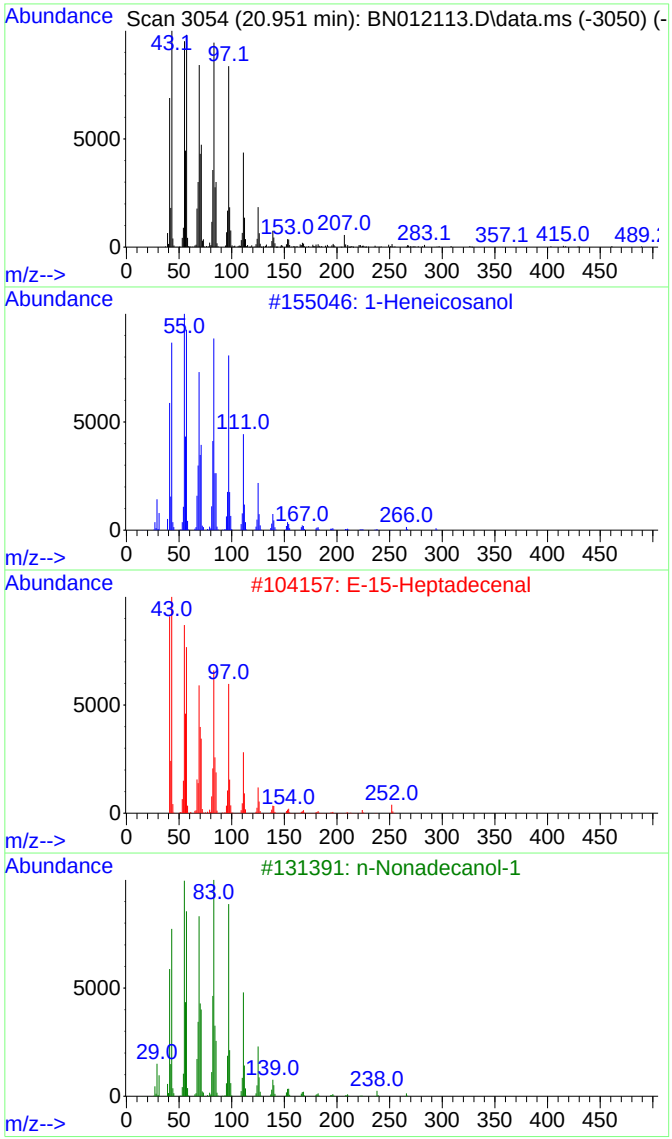
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

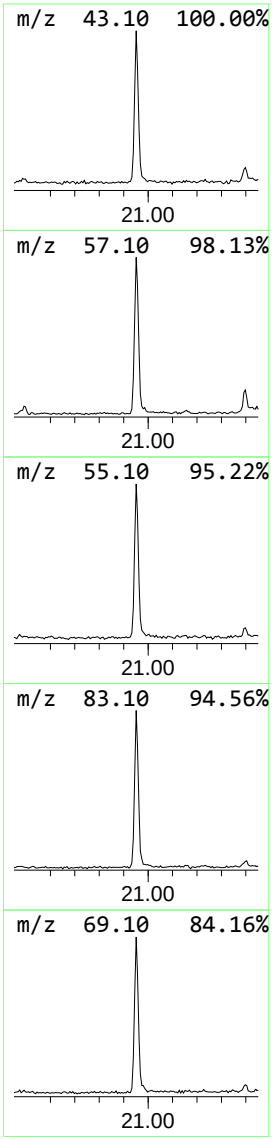
****

Peak Number 6 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.950	7.08 ng/ul	1350350	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Cetene	224	C16H32	000629-73-2	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





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Acq On : 08 Oct 2020 21:33
Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF6

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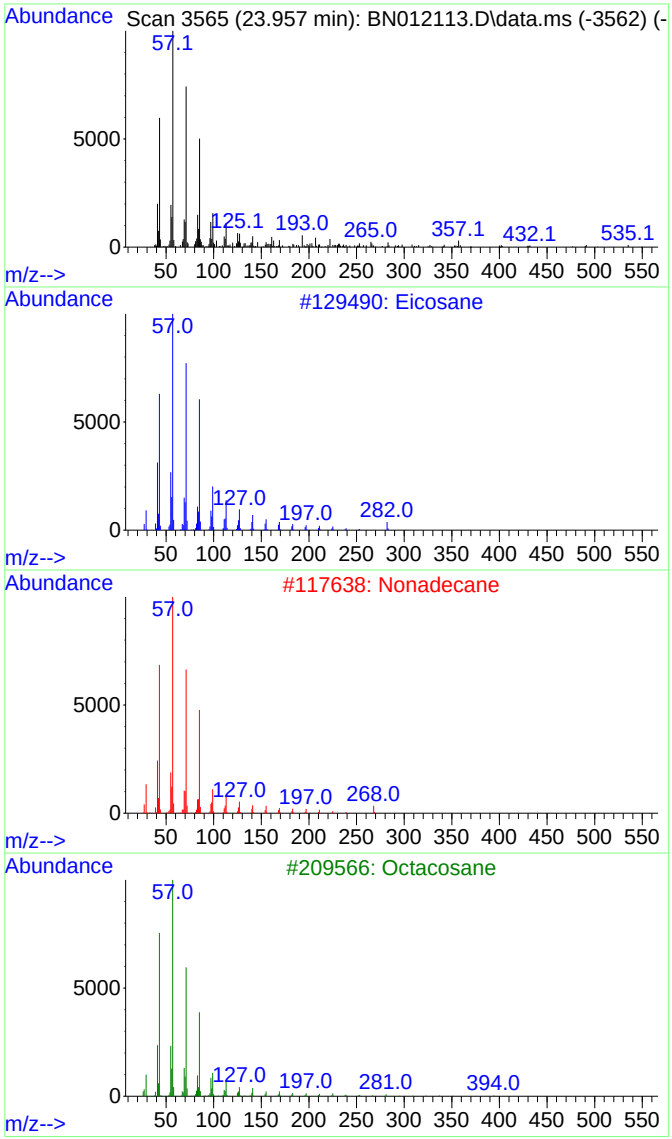
Quant Title : SVOA CALIBRATION

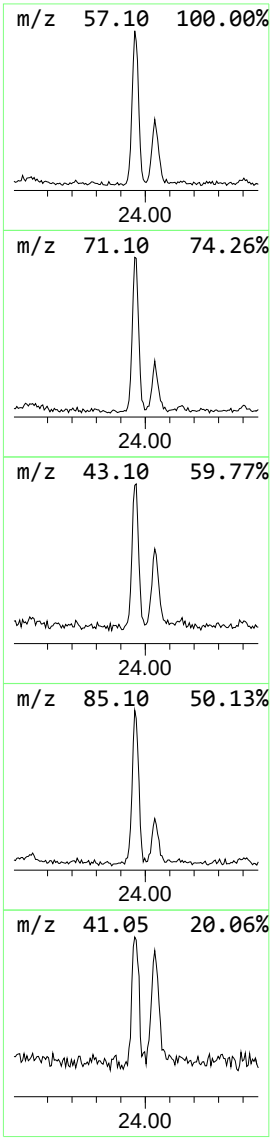
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.960	2.85 ng/ul	543489	Perylene-d12	23.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Tetradecane	198	C14H30	000629-59-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
Data File : BN012113.D
Acq On : 08 Oct 2020 21:33
Operator : CG/JU
Sample : L4259-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5CF6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.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
Indane	8.020	2.7	ng/ul	205507	1	7.646	1542120	20.0
Benzo[b]thiophe...	11.980	2.3	ng/ul	251345	2	10.422	2158430	20.0
Phenol, 3,5-dic...	12.990	3.6	ng/ul	538044	3	14.287	2992370	20.0
Phenol, 3,4-dic...	13.290	3.4	ng/ul	509294	3	14.287	2992370	20.0
n-Hexadecanoic ...	17.940	4.6	ng/ul	788389	4	17.033	3420740	20.0
1-Heneicosanol	20.950	7.1	ng/ul	1350350	5	21.233	3815040	20.0
(DEL) Alkane: S...	23.960	2.9	ng/ul	543489	6	23.433	3813100	20.0