LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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	3.199	50	53	61	rVB	72843	103844	0.16%	0.041%
2	5.005	350	360	363	rBV	21412978	58734643	90.19%	22.960%
3	6.334	580	586	594	rBV	50648	84517	0.13%	0.033%
4	6.840	670	672	684	rVB	313471	500327	0.77%	0.196%
5	6.981	689	696	708	rBV	806445	1340058	2.06%	0.524%
6	7.175	722	729	744	rBV2	860652	1746458	2.68%	0.683%
7	7.534	781	790	802	rBV	4883839	8627269	13.25%	3.373%
8	7.699	802	818	824	rBV2	21696222	65121073	100.00%	25.457%
9	8.004	859	870	891	rBV	19300926	44435482	68.24%	17.371%
10	8.346	919	928	939	rBV	596451	1018231	1.56%	0.398%
11	8.781	995	1002	1012	rVB	921172	1548426	2.38%	0.605%
12	9.446	1108	1115	1119	rBV	368918	617199	0.95%	0.241%
13	9.499	1119	1124	1132	rVB	772448	1236803	1.90%	0.483%
14	10.034	1207	1215	1223	rBV	1278363	2194709	3.37%	0.858%
15	10.099	1223	1226	1235	rVB	68782	121242	0.19%	0.047%
16	10.281	1249	1257	1272	rBV2	1666792	3092756	4.75%	1.209%
17	10.410	1272	1279	1286	rBV	1296235	2182773	3.35%	0.853%
18	10.516	1291	1297	1316	rVB2	295028	637329	0.98%	0.249%
19	11.293	1423	1429	1446	rBV	57274	158536	0.24%	0.062%
20	13.016	1715	1722	1735	rBV	106099	181372	0.28%	0.071%
21	13.151	1739	1745	1749	rBV2	53019	79767	0.12%	0.031%
22	13.687	1828	1836	1841	rBV	2718142	3725890	5.72%	1.457%
23	13.734	1841	1844	1857	rVB	107506	163153	0.25%	0.064%
24	13.963	1876	1883	1905	rBV	3173993	4604178	7.07%	1.800%
25	14.275	1929	1936	1950	rBV	2007426	3121123	4.79%	1.220%
26	14.481	1965	1971	1980	rBV	98957	202800	0.31%	0.079%
27	15.269	2098	2105	2115	rBV	3989492	5938809	9.12%	2.322%
28	15.392	2120	2126	2140	rVV	808277	1155330	1.77%	0.452%
29	15.516	2142	2147	2153	rVB	48050	75702	0.12%	0.030%
30	17.028	2397	2404	2413	rBV	2554099	3702988	5.69%	1.448%
31	17.122	2414	2420	2436	rVV	4511762	6640745	10.20%	2.596%
32	17.945	2556	2560	2567	rBV	131972	205528	0.32%	0.080%
33	19.016	2738	2742	2748	rBV	55843	83921	0.13%	0.033%
34	19.257	2779	2783	2790	rVB	52182	75778	0.12%	0.030%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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	19.369	2796	2802	2808	rBV2	6095224	8163522	12.54%	3.191%
36	19.933	2894	2898	2907	rBV	54710	71990	0.11%	0.028%
37	20.416	2977	2980	2984	rBV	106925	101343	0.16%	0.040%
38	20.869	3052	3057	3062	rBV	271148	395473	0.61%	0.155%
39	21.121	3094	3100	3109	rBV	3190622	4253158	6.53%	1.663%
40	21.233	3116	3119	3125	rBV2	54500	90752	0.14%	0.035%
41	21.292	3126	3129	3137	rVB	239092	282866	0.43%	0.111%
42	21.727	3199	3203	3212	rBV	284027	364986	0.56%	0.143%
43	22.186	3277	3281	3288	rVB	322868	409508	0.63%	0.160%
44	22.310	3299	3302	3308	rVB	135048	180761	0.28%	0.071%
45	22.692	3362	3367	3375	rBV	334623	502364	0.77%	0.196%
46	23.186	3443	3451	3459	rBV	4624238	8426144	12.94%	3.294%
47	23.257	3459	3463	3468	rVV	336602	588254	0.90%	0.230%
48	23.327	3468	3475	3489	rVB	2343474	4413828	6.78%	1.725%
49	23.904	3567	3573	3582	rBV	253011	495266	0.76%	0.194%
50	24.162	3612	3617	3625	rVB	168636	323596	0.50%	0.126%
51	24.651	3694	3700	3713	rVB	159923	378817	0.58%	0.148%
52	25.756	3880	3888	3901	rVB	671964	1763047	2.71%	0.689%
53	27.915	4246	4255	4273	rVB2	321799	1145227	1.76%	0.448%

Sum of corrected areas: 255809661

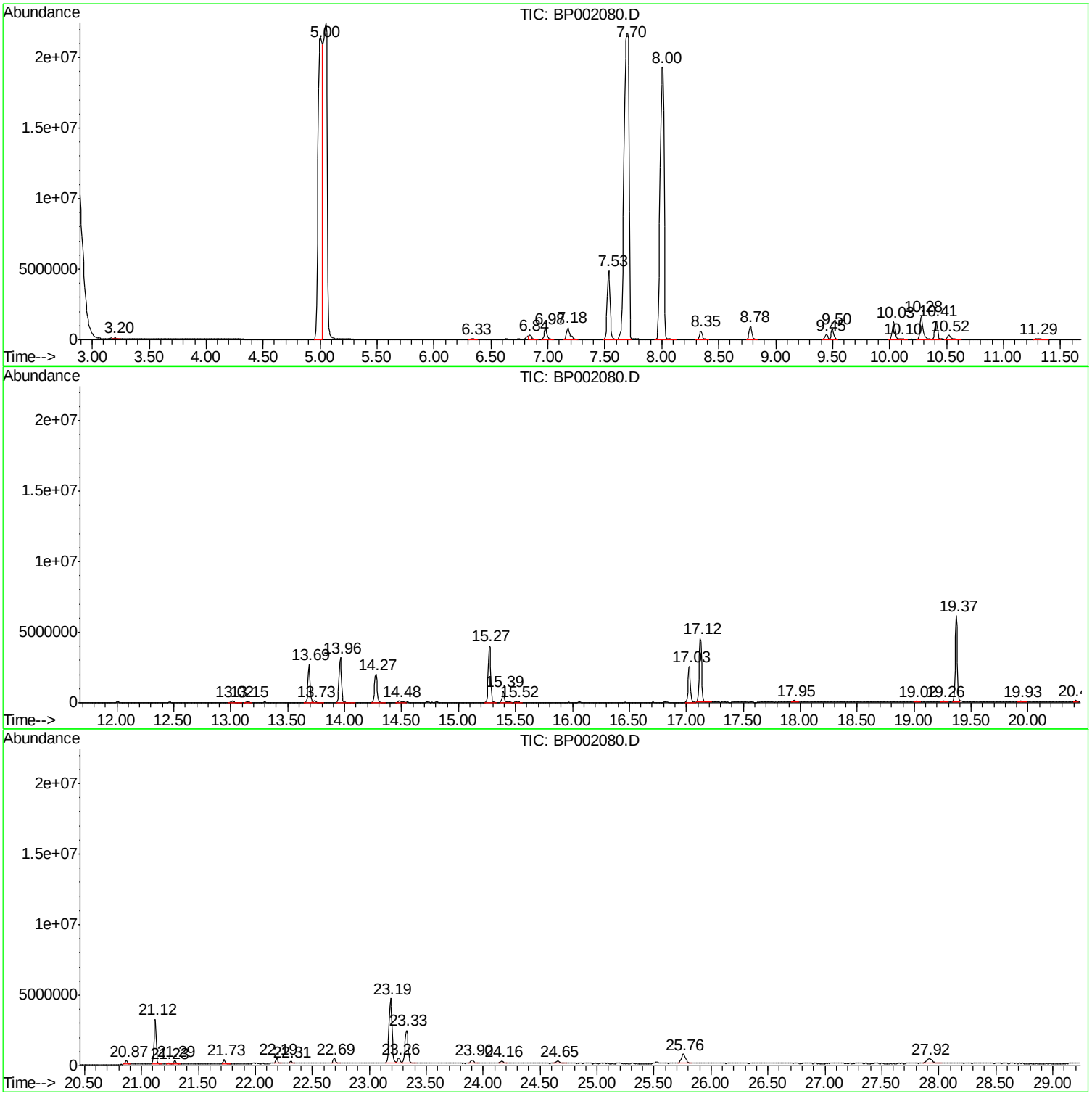
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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

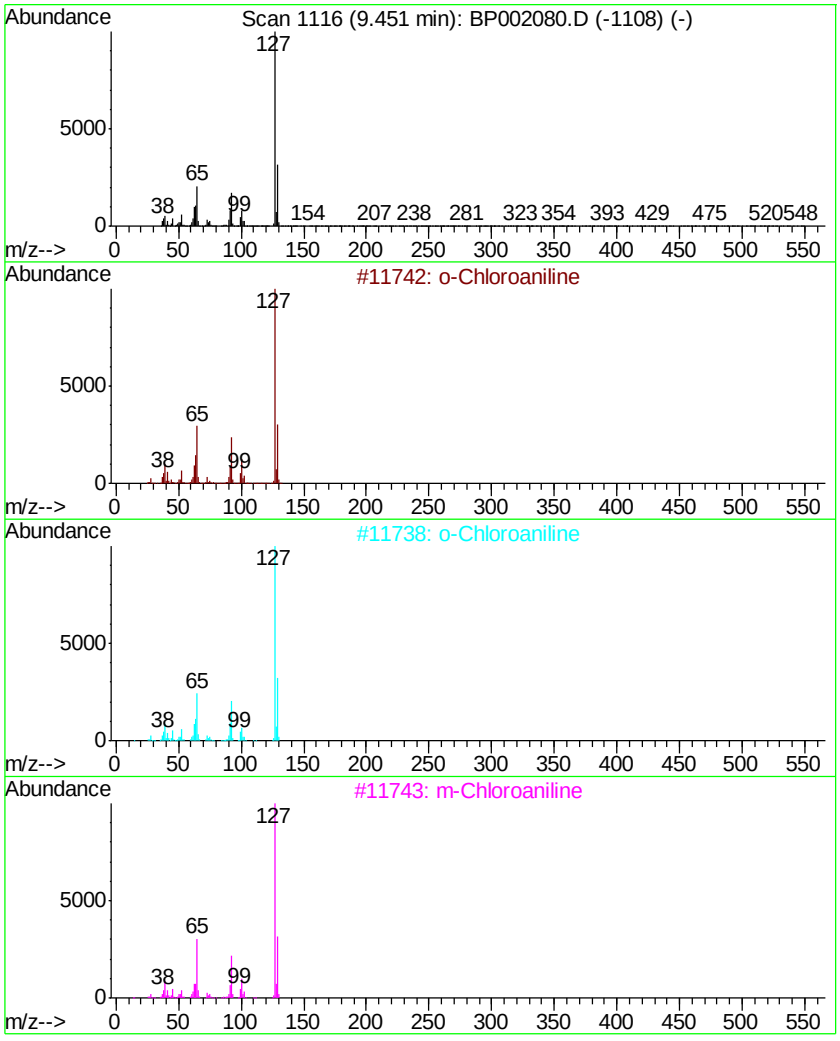
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

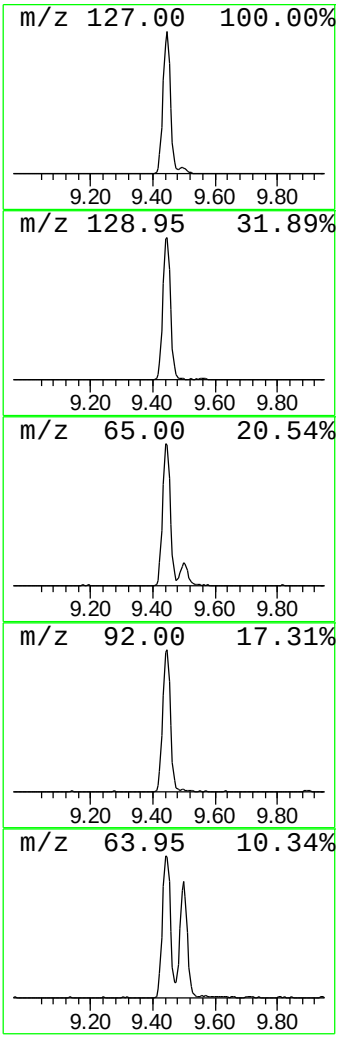
****

Peak Number 5 o-Chloroaniline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	5.66 ng/ul	617199	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
2	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
3	m-Chloroaniline	127	C6H6ClN	000108-42-9	96
4	p-Chloroaniline	127	C6H6ClN	000106-47-8	95
5	m-Chloroaniline	127	C6H6ClN	000108-42-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0DG5

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

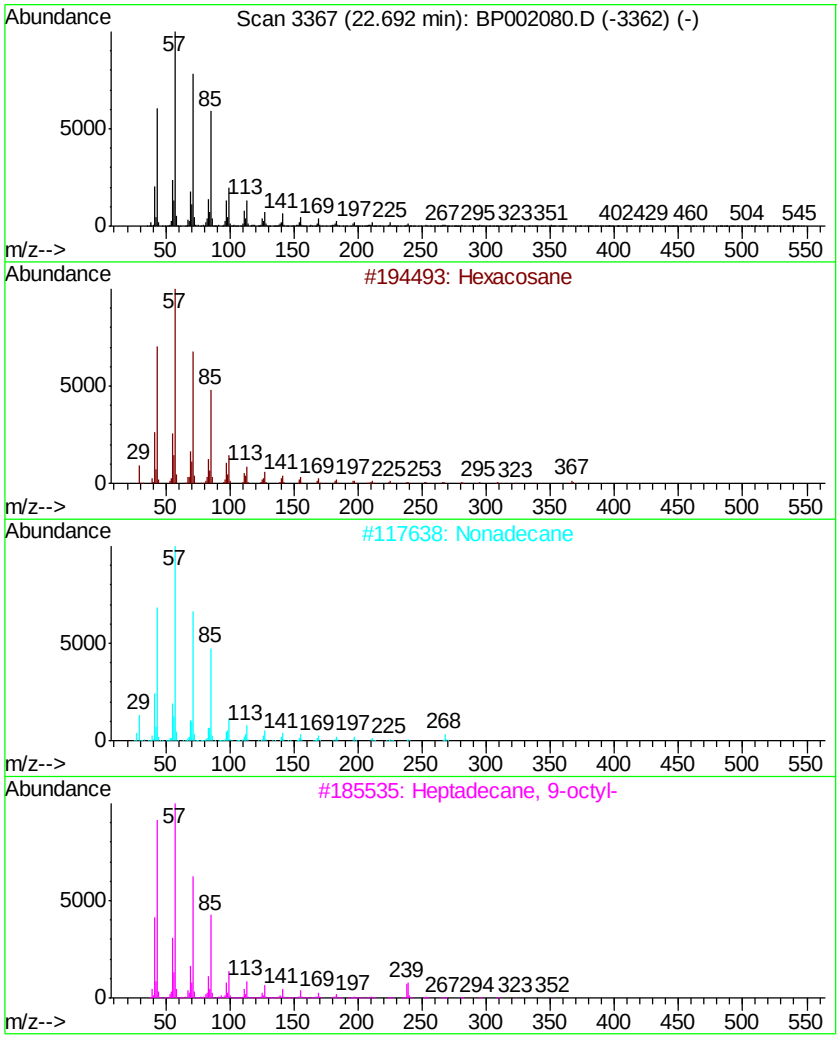
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

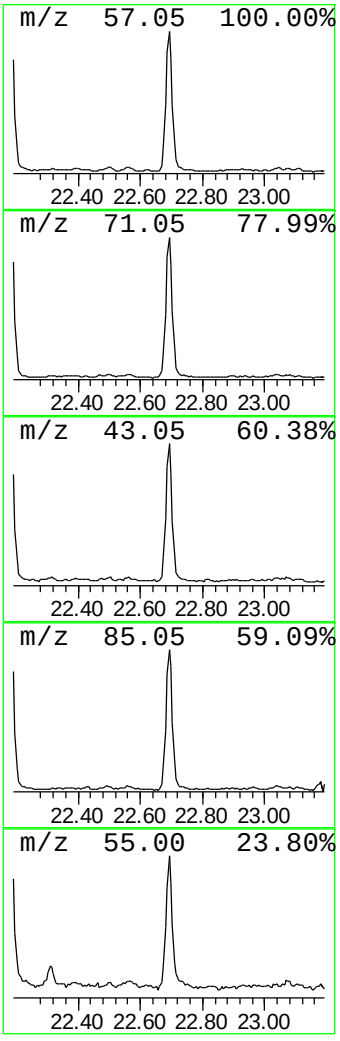
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.28 ng/ul	502364	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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

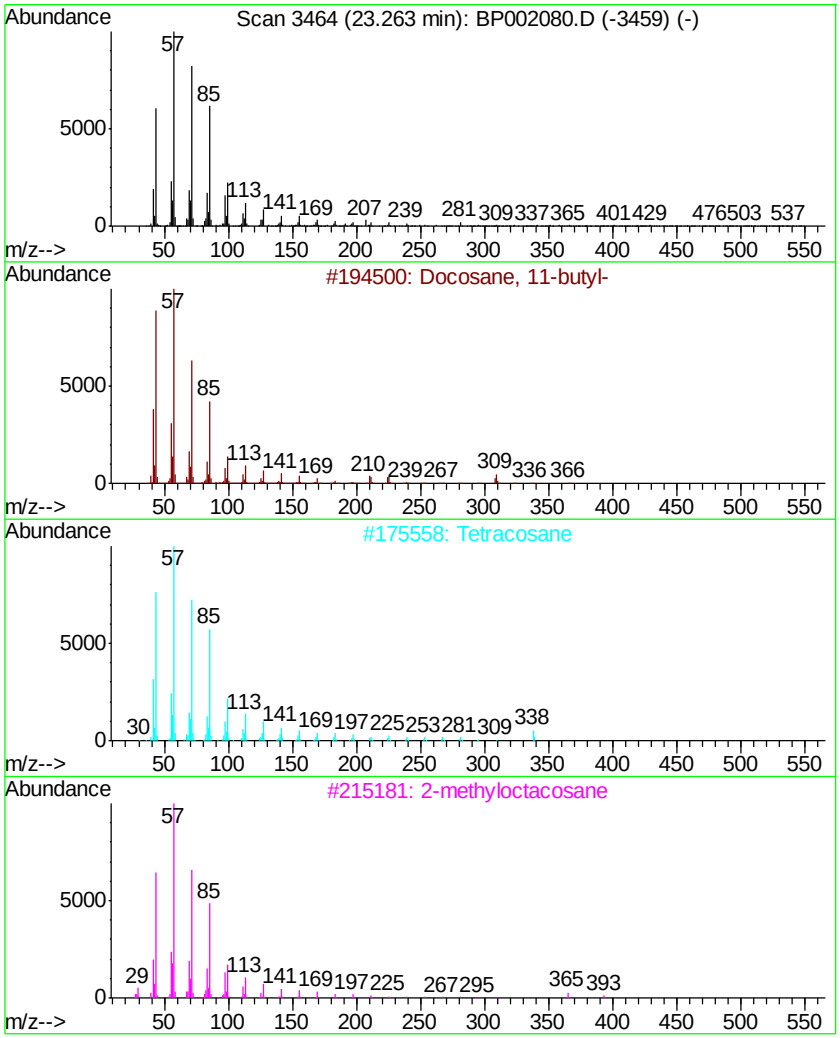
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

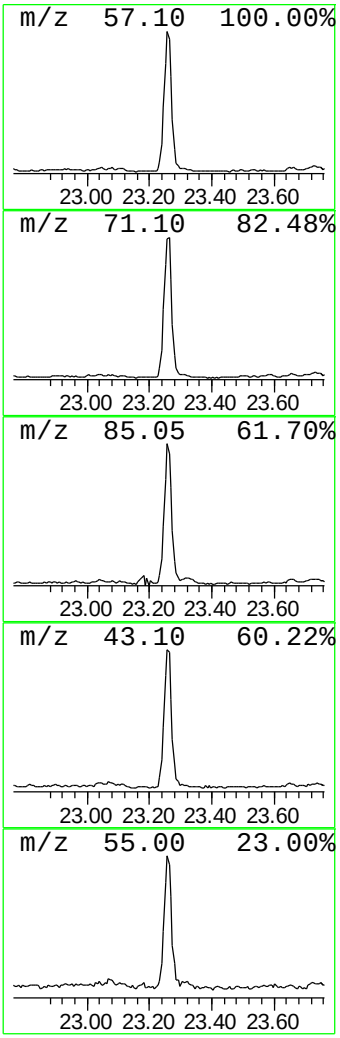
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.67 ng/ul	588254	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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

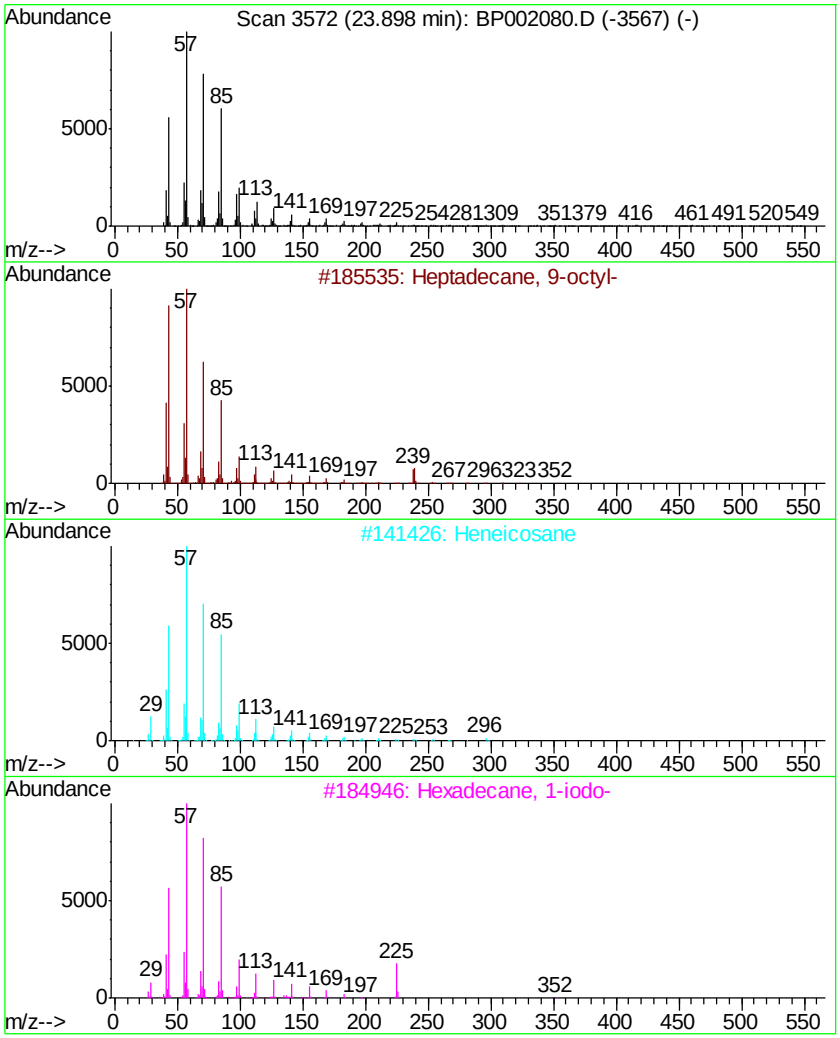
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

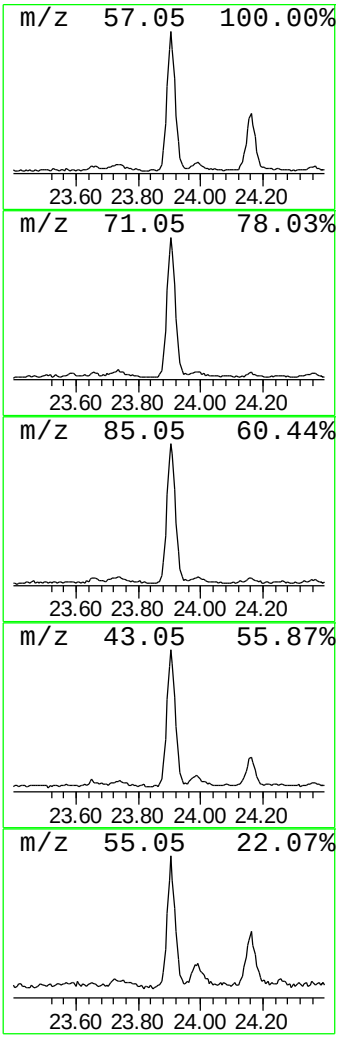
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	2.24 ng/ul	495266	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Heneicosane	296	C21H44	000629-94-7	96
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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

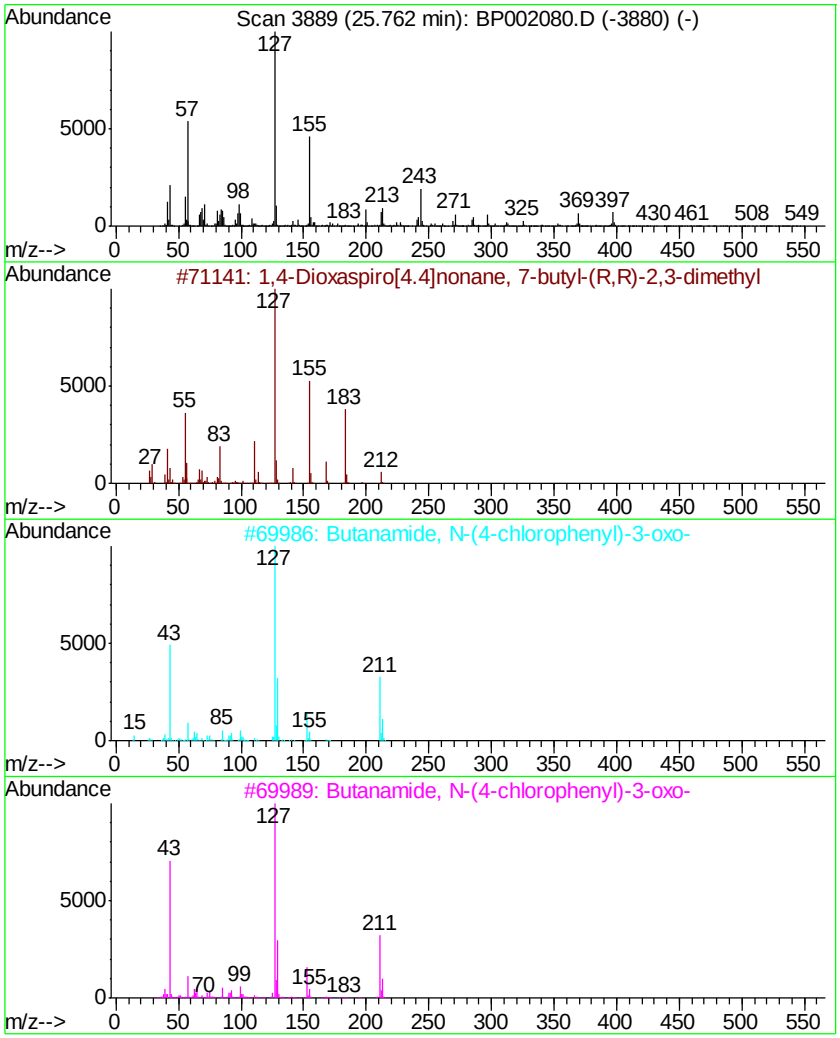
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

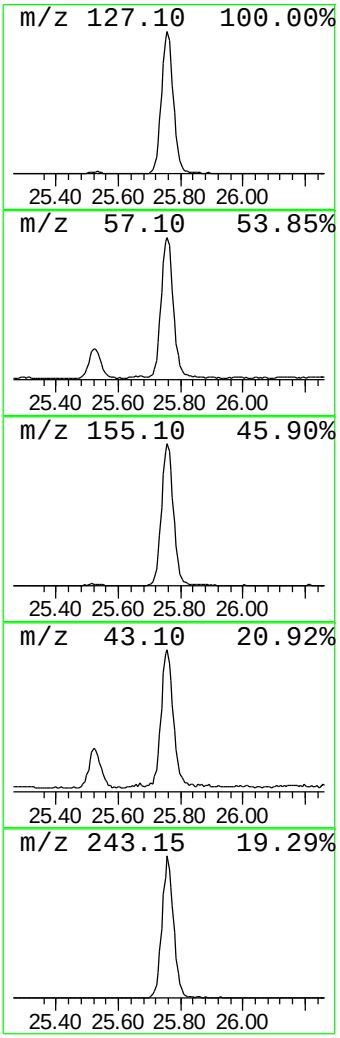
****

Peak Number 10 1,4-Dioxaspiro[4.4]nonane, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	7.99 ng/ul	1763050	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	53
2	Butanamide, N-(4-chlorophenyl)-3...	211	C10H10ClNO2	000101-92-8	38
3	Butanamide, N-(4-chlorophenyl)-3...	211	C10H10ClNO2	000101-92-8	37
4	1H-Imidazole, 1-methyl-4-nitro-	127	C4H5N3O2	003034-41-1	35
5	4,6(1H)-Pyrimidinedione, 3,4,5,6...	127	C4H5N3O2	004425-67-6	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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

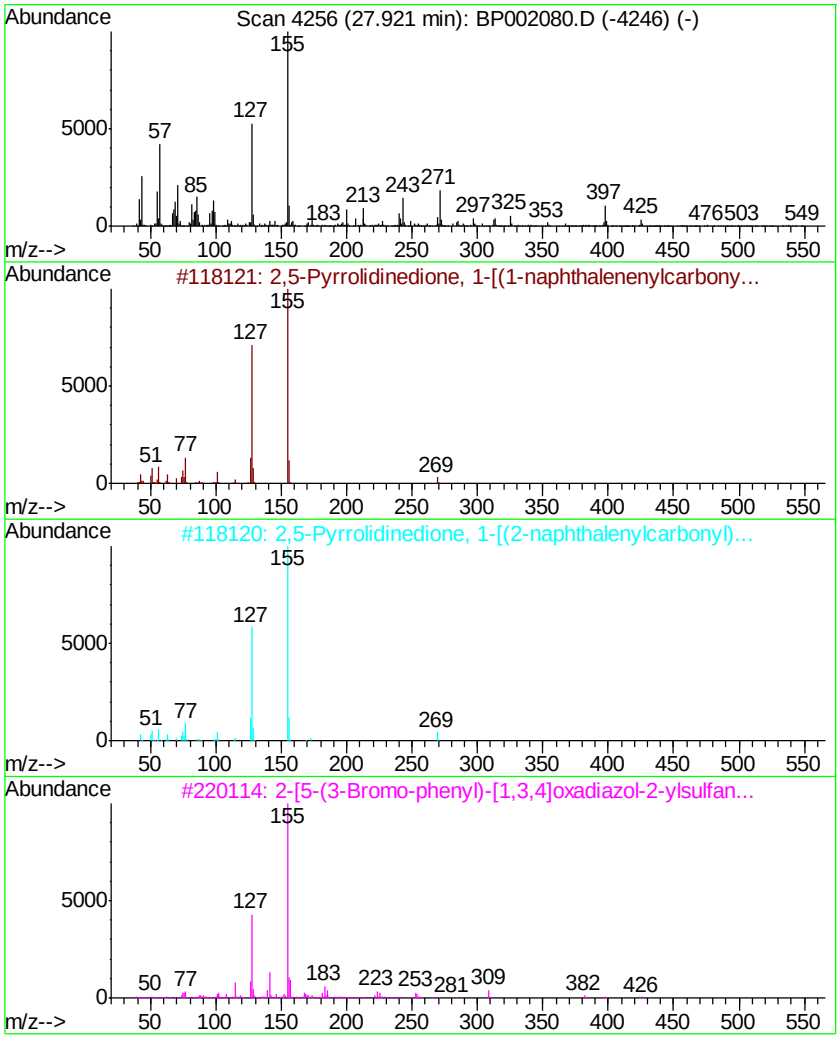
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

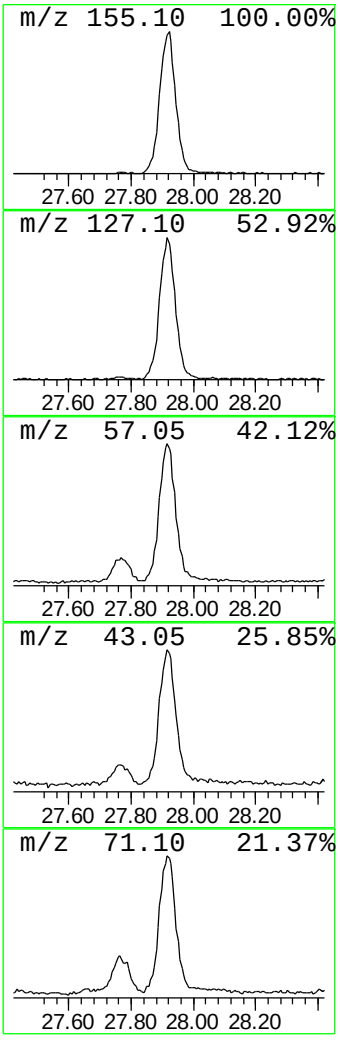
****

Peak Number 11 2,5-Pyrrolidinedione, 1-[(1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.92	5.19 ng/ul	1145230	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Pyrrolidinedione, 1-[(1-naph...	269	C15H11NO4	134676-06-5	64
2	2,5-Pyrrolidinedione, 1-[(2-naph...	269	C15H11NO4	056374-47-1	64
3	2-[5-(3-Bromo-phenyl)-[1,3,4]oxa...	424	C20H13BrN2O2S	1000275-09-0	64
4	1-Naphthoic acid, 2-formyl-4,6-d...	344	C18H10Cl2O3	1000331-18-6	59
5	1-Naphthalenecarboxamide, N-(3-c...	281	C17H12ClNO	1000307-40-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030520\
Data File : BP002080.D
Acq On : 05 Mar 2020 21:04
Operator : CG/JU
Sample : L1780-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DG5

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
o-Chloroaniline	9.45	5.7	ng/ul	617199	2	10.41	2182770	20.0
(DEL) Alkane: Str...	22.69	2.3	ng/ul	502364	6	23.33	4413830	20.0
(DEL) Alkane: Str...	23.26	2.7	ng/ul	588254	6	23.33	4413830	20.0
(DEL) Alkane: Str...	23.90	2.2	ng/ul	495266	6	23.33	4413830	20.0
1,4-Dioxaspiro[4....	25.76	8.0	ng/ul	1763050	6	23.33	4413830	20.0
2,5-Pyrrolidinedi...	27.92	5.2	ng/ul	1145230	6	23.33	4413830	20.0