LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

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	3.146	41	44	52	rVB	61400	80853	1.01%	0.110%
2	3.875	164	168	178	rVB	12560	19811	0.25%	0.027%
3	6.811	661	667	678	rBV	223960	376400	4.69%	0.514%
4	6.963	686	693	704	rBV	841237	1328930	16.54%	1.814%
5	7.163	719	727	739	rBV	929350	1460413	18.18%	1.994%
6	7.628	798	806	815	rBV	937512	1499805	18.67%	2.047%
7	7.711	815	820	826	rVB2	10464	19057	0.24%	0.026%
8	8.334	918	926	939	rBV	660016	1075340	13.39%	1.468%
9	8.769	992	1000	1014	rBV	930927	1543181	19.21%	2.107%
10	9.258	1077	1083	1090	rVB	35736	56750	0.71%	0.077%
11	9.487	1114	1122	1145	rBV	739071	1243715	15.48%	1.698%
12	10.028	1206	1214	1236	rBV	1142863	2048545	25.50%	2.797%
13	10.399	1269	1277	1285	rBV	1323257	2179682	27.13%	2.976%
14	10.540	1293	1301	1319	rBV	45174	103647	1.29%	0.141%
15	11.746	1499	1506	1513	rBV	25609	39207	0.49%	0.054%
16	11.999	1543	1549	1560	rVB3	16626	37706	0.47%	0.051%
17	13.122	1735	1740	1745	rVB5	7174	10466	0.13%	0.014%
18	13.263	1760	1764	1773	rVB3	6297	11600	0.14%	0.016%
19	13.675	1828	1834	1839	rBV	2241404	3116469	38.79%	4.254%
20	13.722	1839	1842	1852	rVB	152722	229317	2.85%	0.313%
21	13.951	1873	1881	1895	rBV	2802437	4105117	51.10%	5.604%
22	14.263	1927	1934	1946	rBV	1977033	2924610	36.40%	3.992%
23	14.481	1964	1971	1982	rBV	73052	185320	2.31%	0.253%
24	15.263	2097	2104	2117	rBV	3683569	5256990	65.44%	7.176%
25	15.387	2118	2125	2140	rVV	677617	1015582	12.64%	1.386%
26	15.504	2140	2145	2152	rVB	42313	65427	0.81%	0.089%
27	16.051	2234	2238	2248	rVB5	15483	24549	0.31%	0.034%
28	16.692	2344	2347	2356	rVB9	7255	15052	0.19%	0.021%
29	16.804	2361	2366	2375	rVV2	10980	23234	0.29%	0.032%
30	17.016	2395	2402	2412	rBV	2406236	3372434	41.98%	4.604%
31	17.116	2412	2419	2435	rVV	4009062	5807068	72.28%	7.927%
32	17.933	2555	2558	2562	rBV6	16739	23490	0.29%	0.032%
33	19.010	2736	2741	2748	rBV	44871	65210	0.81%	0.089%
34	19.251	2778	2782	2787	rVB	42010	56521	0.70%	0.077%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

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	19.363	2794	2801	2807	rBV	5336627	7073624	88.05%	9.656%
36	19.433	2811	2813	2818	rVB6	13093	14520	0.18%	0.020%
37	19.922	2893	2896	2900	rBV2	27201	26702	0.33%	0.036%
38	20.404	2975	2978	2982	rVB	61232	61523	0.77%	0.084%
39	20.857	3050	3055	3060	rBV	236753	331386	4.12%	0.452%
40	21.110	3093	3098	3108	rBV	3159206	3960581	49.30%	5.407%
41	21.286	3124	3128	3137	rBV	446667	465345	5.79%	0.635%
42	21.716	3197	3201	3211	rBV	795459	891266	11.09%	1.217%
43	22.174	3274	3279	3289	rBV	1171003	1501895	18.69%	2.050%
44	22.680	3359	3365	3378	rVB	1226473	1903520	23.69%	2.599%
45	23.174	3442	3449	3456	rBV	4420478	8033908	100.00%	10.967%
46	23.245	3456	3461	3466	rVV	1135851	2010335	25.02%	2.744%
47	23.316	3466	3473	3486	rVB	2484700	4614711	57.44%	6.300%
48	23.886	3564	3570	3579	rBV	828854	1589799	19.79%	2.170%
49	24.627	3690	3696	3709	rVB	451524	1008592	12.55%	1.377%
50	25.498	3840	3844	3853	rVB2	150564	344556	4.29%	0.470%

Sum of corrected areas: 73253761

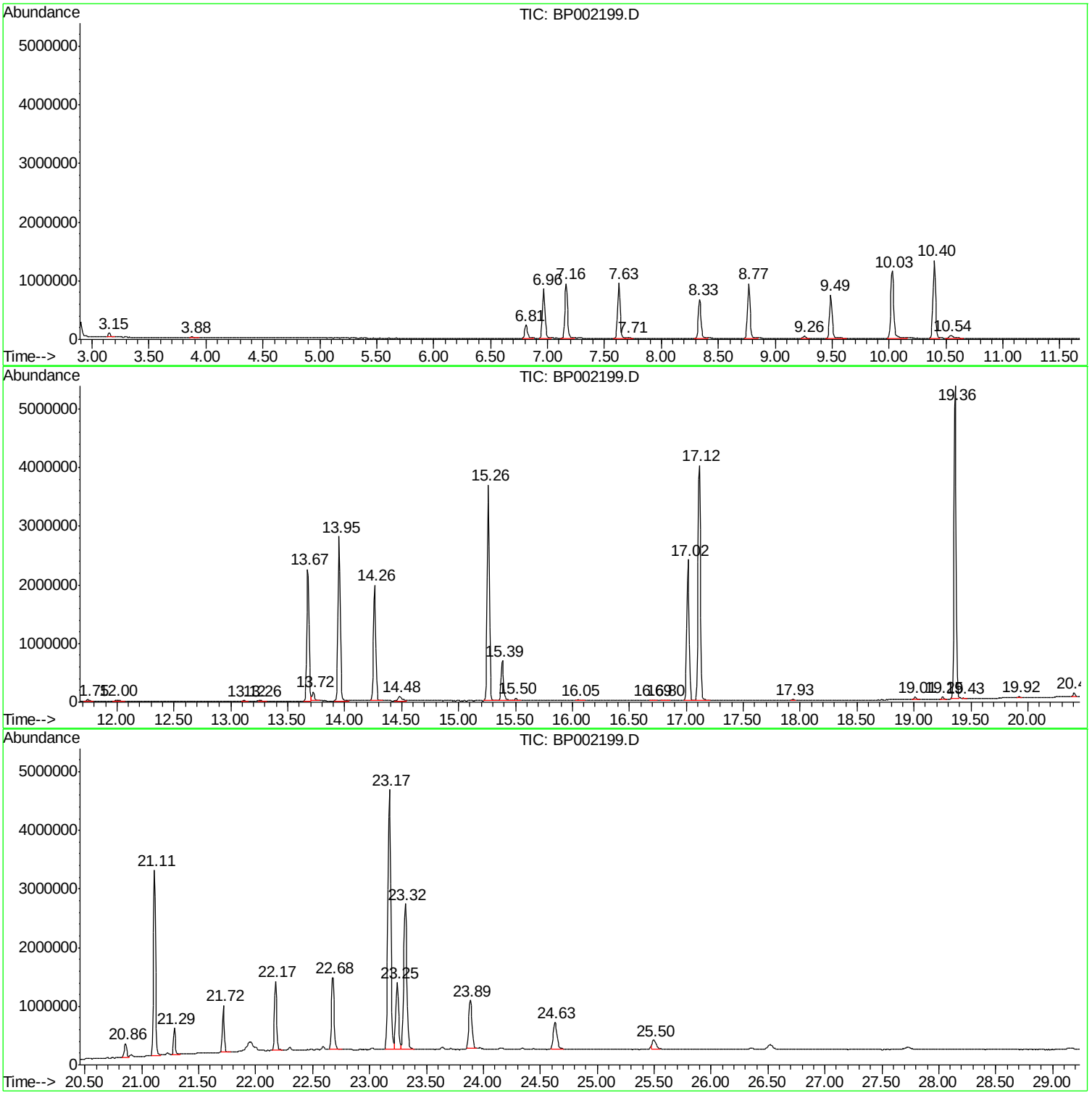
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

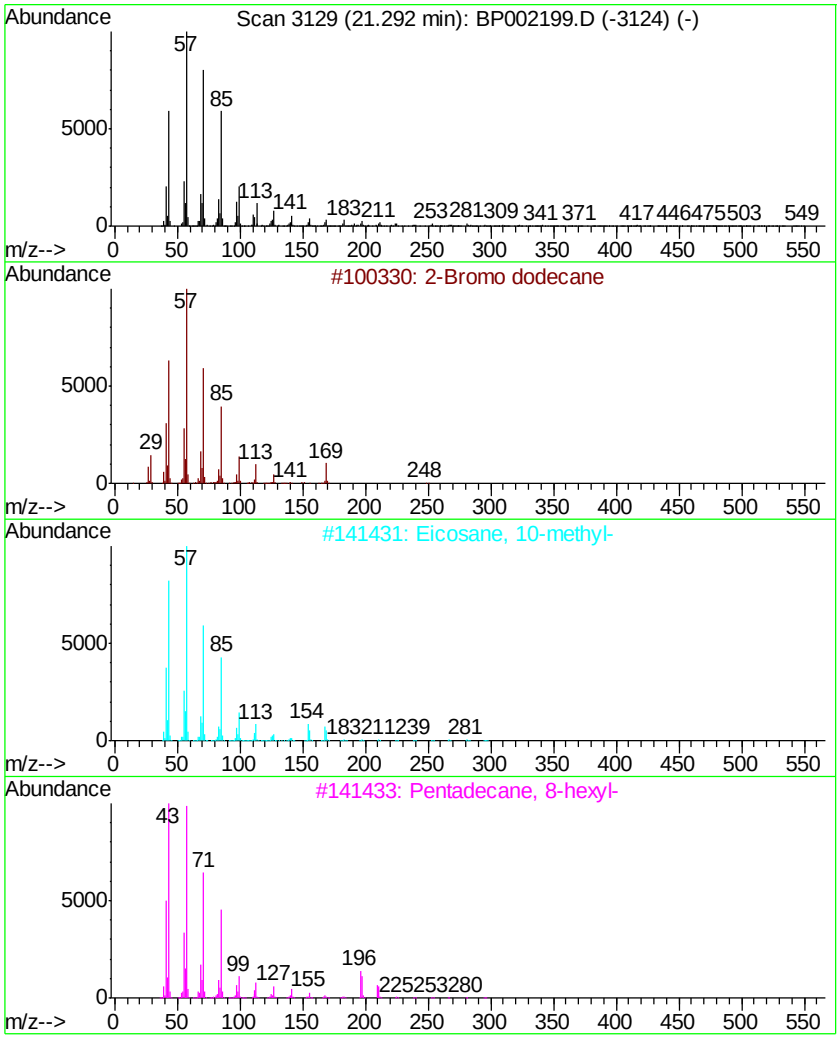
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

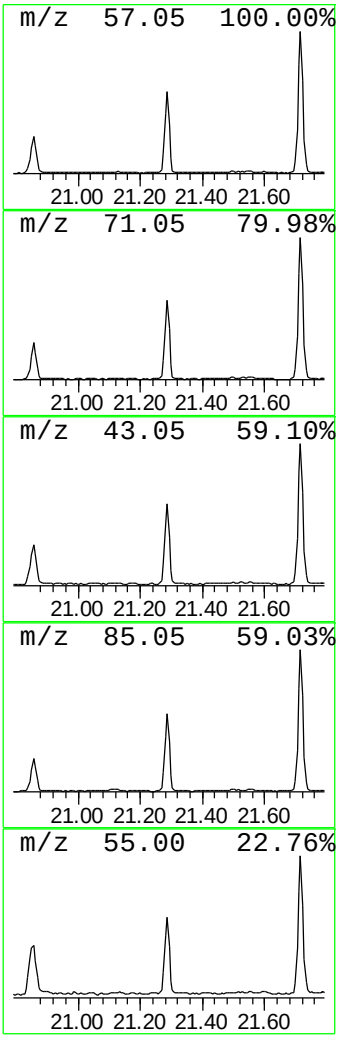
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.35 ng/ul	465345	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

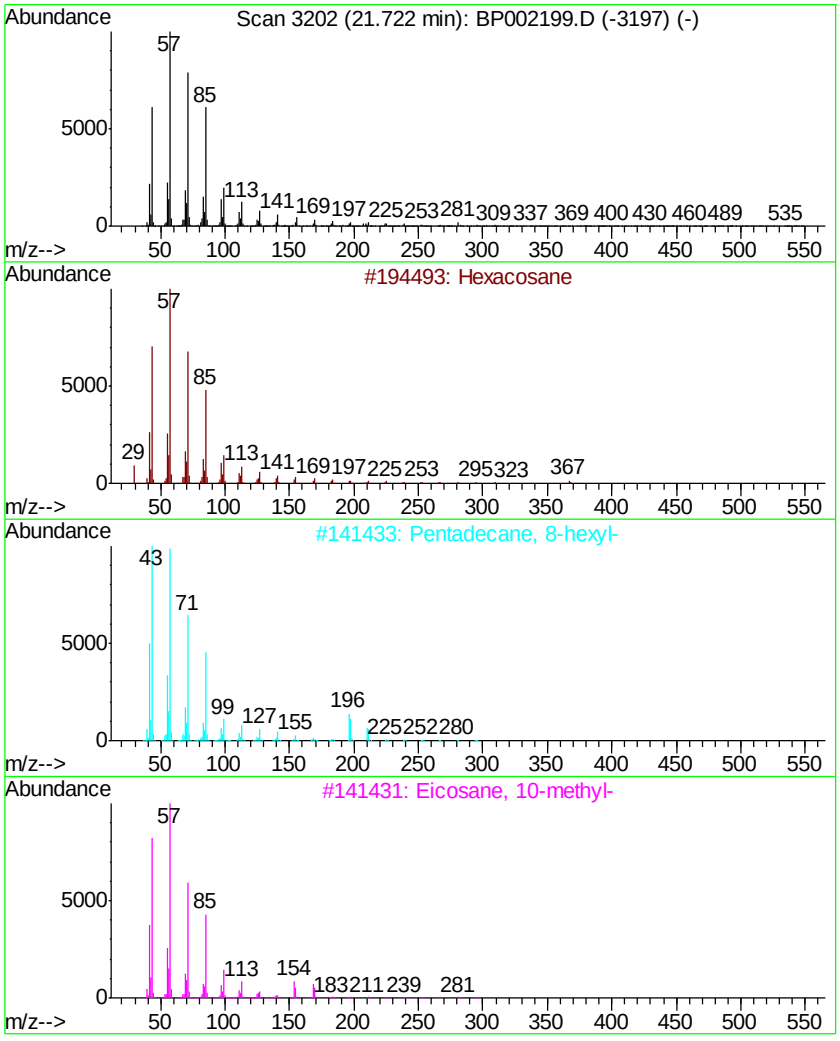
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

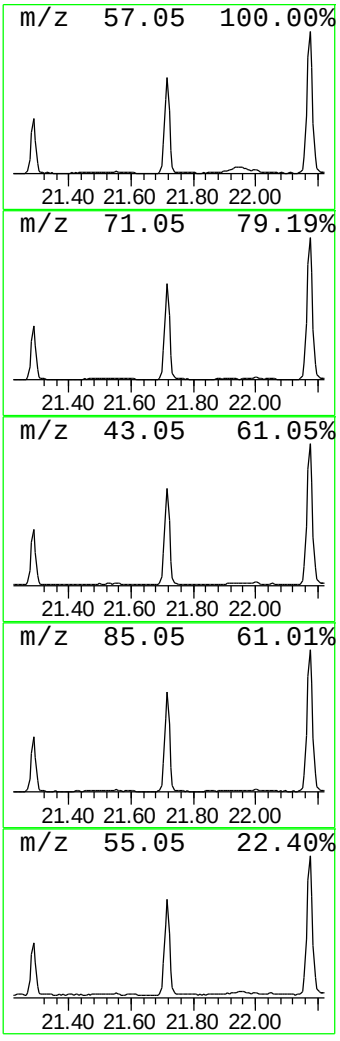
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	4.50 ng/ul	891266	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

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

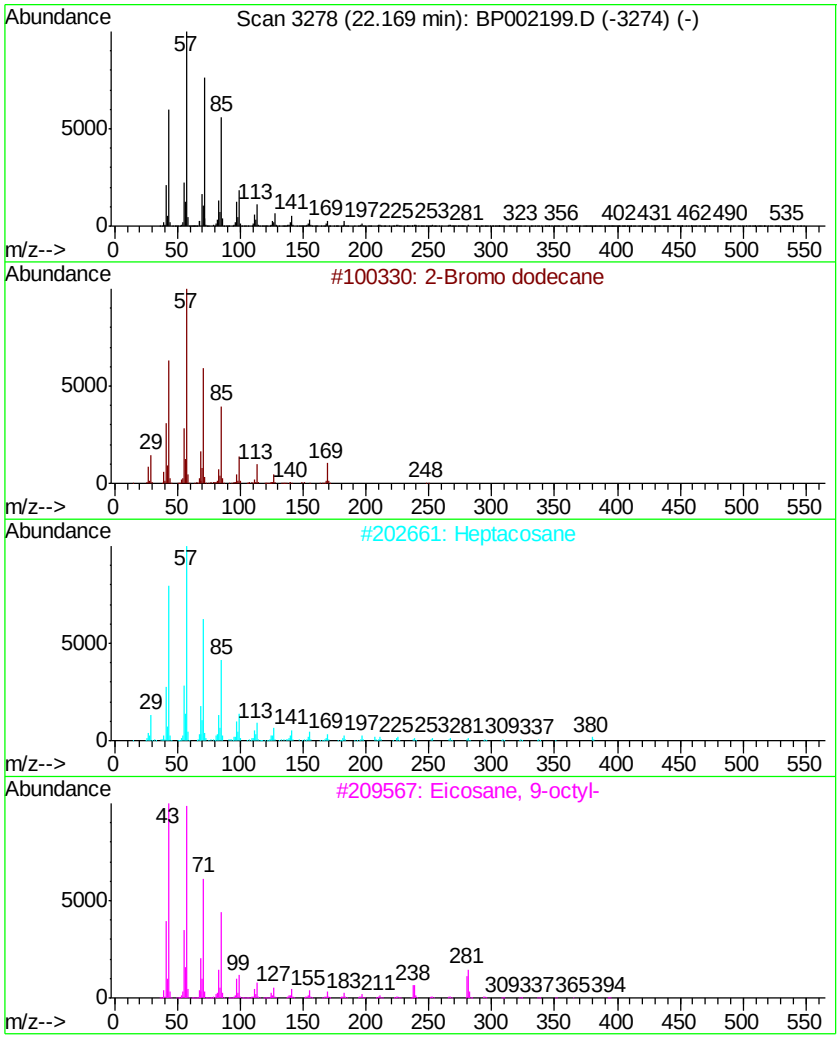
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

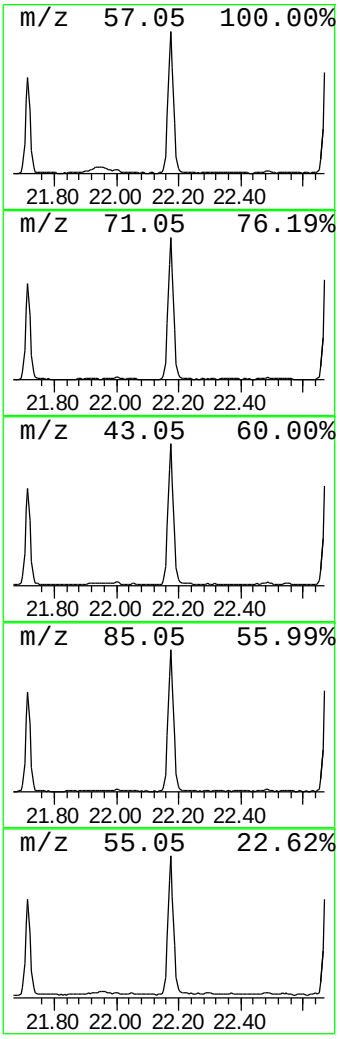
****

Peak Number 3 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	7.58 ng/ul	1501900	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Heptacosane	380	C27H56	000593-49-7	93
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4	Nonacosane	408	C29H60	000630-03-5	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

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

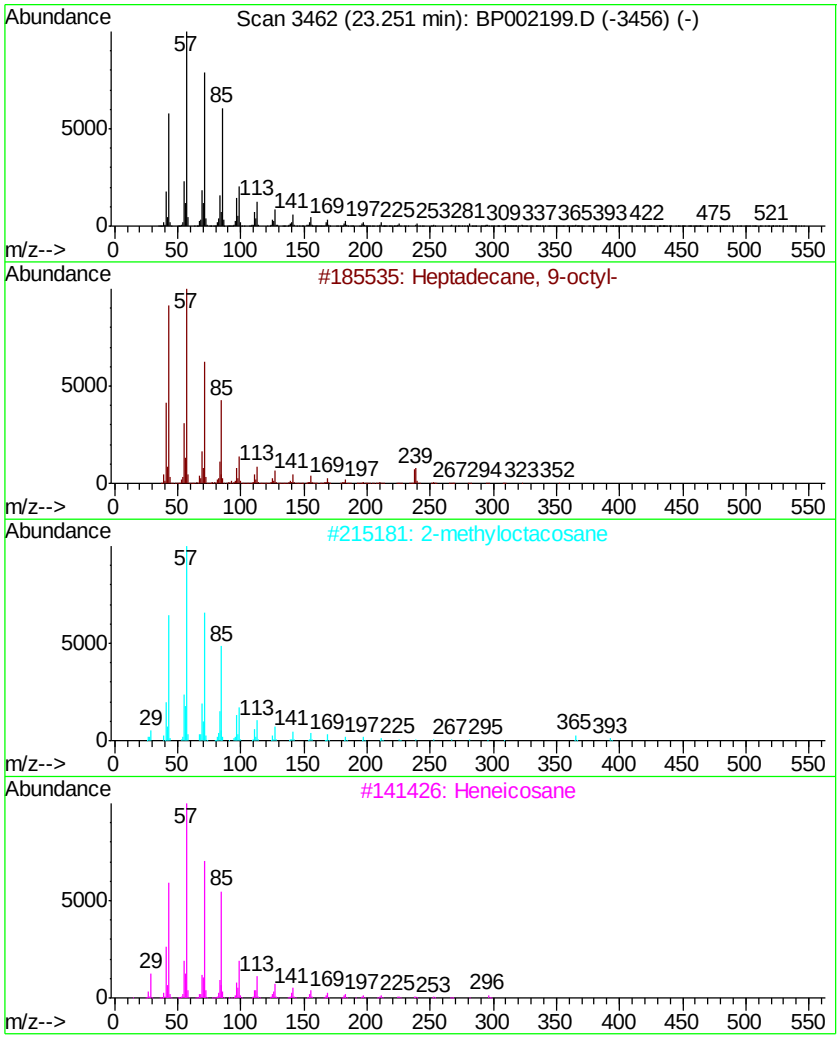
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

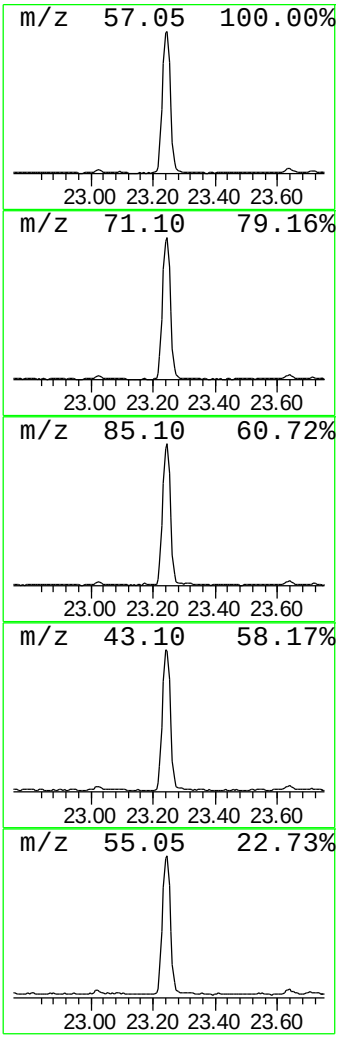
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	8.71 ng/ul	2010340	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

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

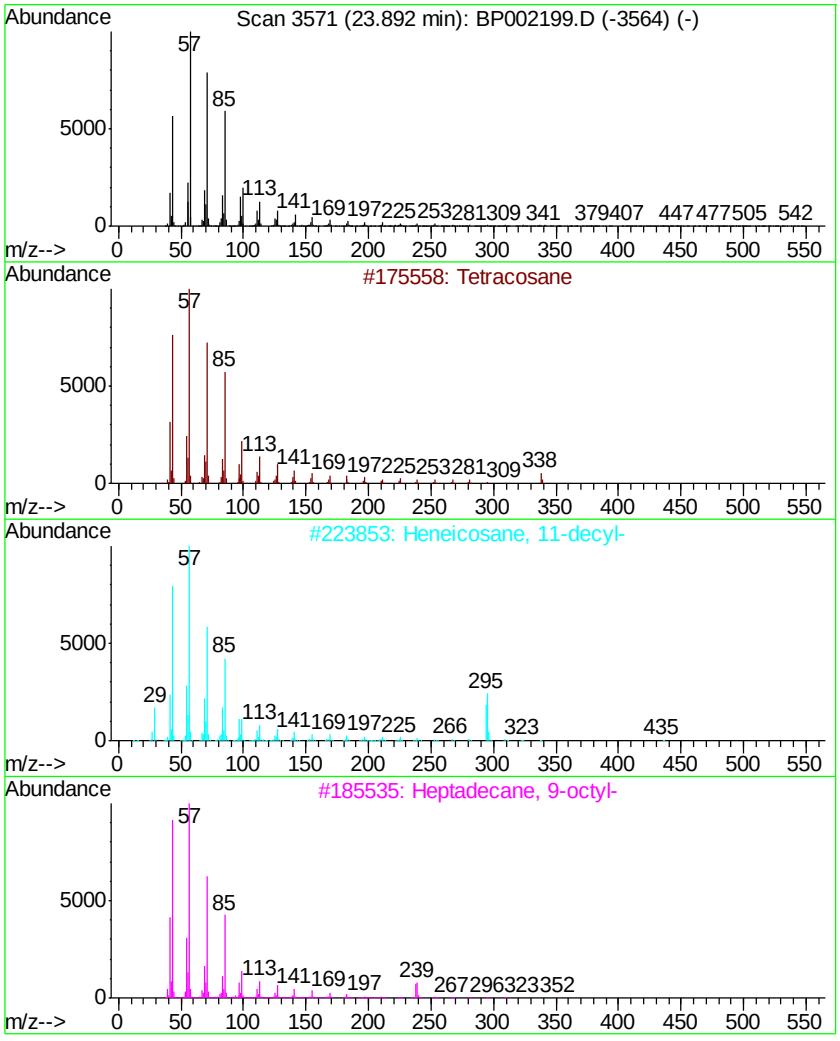
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

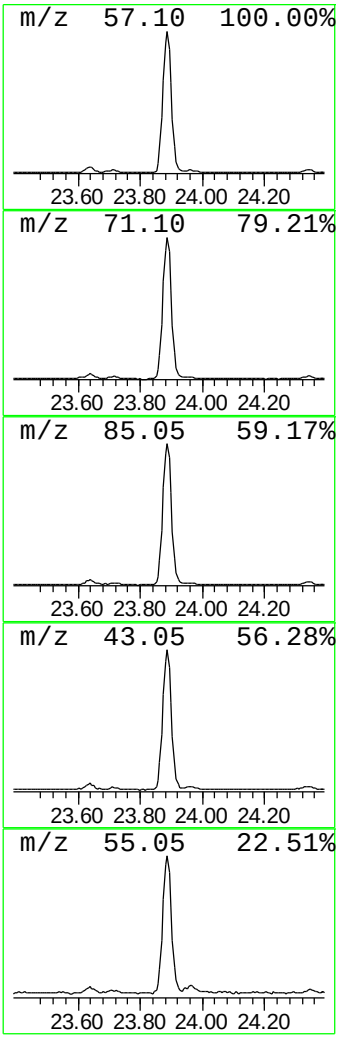
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	6.89 ng/ul	1589800	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	95
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

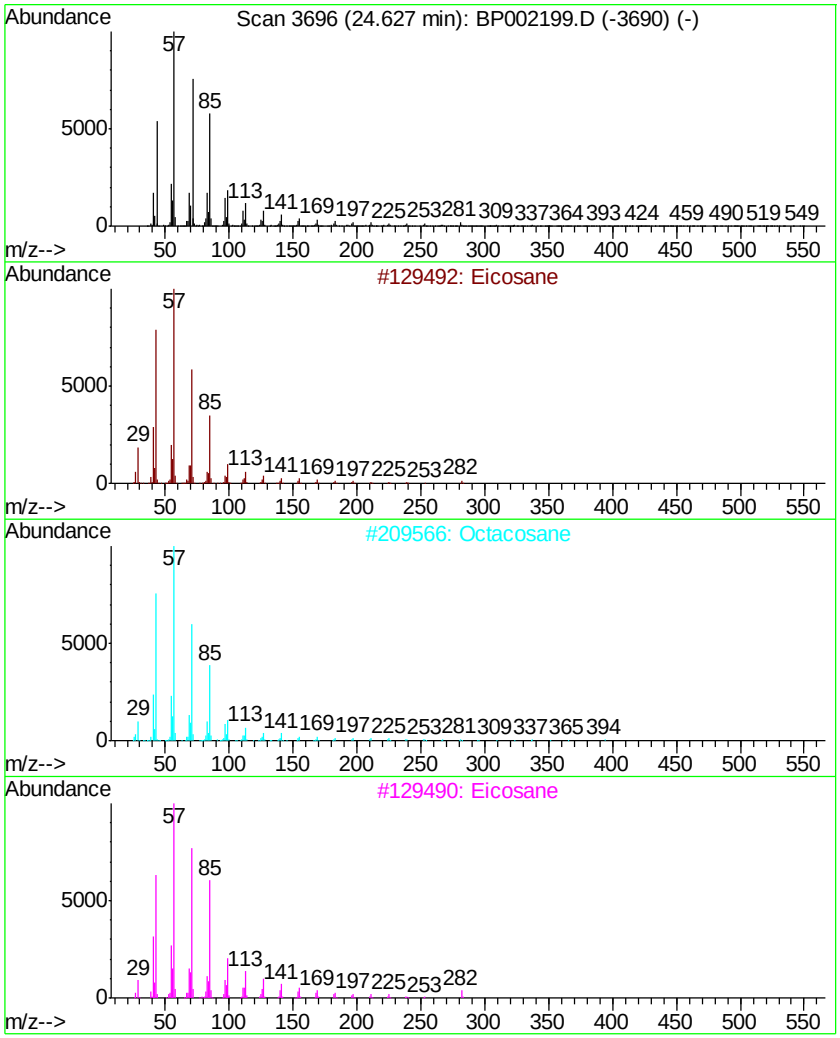
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

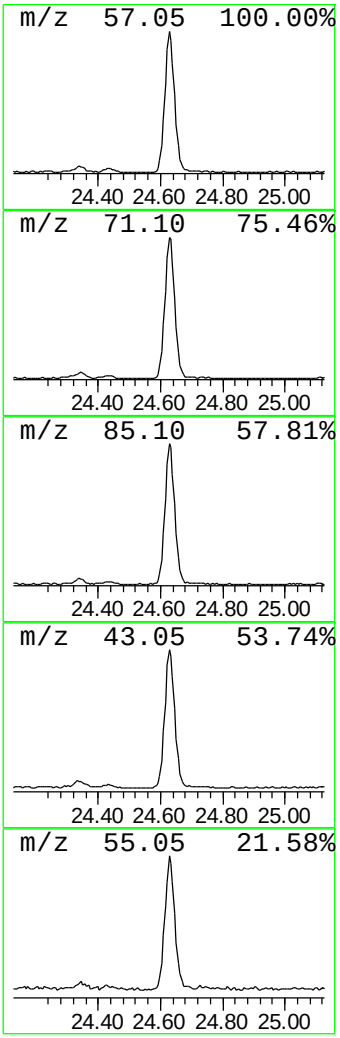
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	4.37 ng/ul	1008590	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	96
3	Eicosane	282	C20H42	000112-95-8	95
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
5	Octacosane	394	C28H58	000630-02-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031220\
Data File : BP002199.D
Acq On : 12 Mar 2020 23:50
Operator : CG/JU
Sample : L1899-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EQ2

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
(DEL) Alkane: Str...	21.29	2.4	ng/ul	465345	5	21.11	3960580	20.0
(DEL) Alkane: Str...	21.72	4.5	ng/ul	891266	5	21.11	3960580	20.0
2-Bromo dodecane	22.17	7.6	ng/ul	1501900	5	21.11	3960580	20.0
(DEL) Alkane: Str...	23.25	8.7	ng/ul	2010340	6	23.32	4614710	20.0
(DEL) Alkane: Str...	23.89	6.9	ng/ul	1589800	6	23.32	4614710	20.0
(DEL) Alkane: Str...	24.63	4.4	ng/ul	1008590	6	23.32	4614710	20.0