LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012237.D
Acq On : 21 Oct 2022 10:21
Operator : CG/JU
Sample : N5103-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0BA1

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\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

Signal : TIC: BP012237.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	42	46	51	rBV	69374	84649	0.87%	0.087%
2	3.546	92	95	101	rBV	34921	52731	0.54%	0.054%
3	3.681	116	118	138	rBV	606750	926589	9.55%	0.949%
4	3.905	151	156	167	rVB	44711	72028	0.74%	0.074%
5	3.999	168	172	177	rBV	24658	31993	0.33%	0.033%
6	4.375	233	236	243	rVB8	9330	13161	0.14%	0.013%
7	4.922	325	329	336	rVB2	8334	14557	0.15%	0.015%
8	6.993	675	681	700	rVB	700321	1177572	12.13%	1.206%
9	7.158	702	709	720	rBV	1604216	2582508	26.61%	2.644%
10	7.352	735	742	753	rBV	1390288	2235295	23.03%	2.289%
11	7.822	813	822	831	rBV	1212582	1977913	20.38%	2.025%
12	8.534	935	943	962	rBV	1392121	2364641	24.37%	2.421%
13	8.993	1012	1021	1040	rBV	1820030	3161252	32.57%	3.237%
14	9.152	1043	1048	1056	rVB7	10314	22651	0.23%	0.023%
15	9.381	1083	1087	1094	rVB	29716	49026	0.51%	0.050%
16	9.710	1134	1143	1153	rBV	946616	1587158	16.35%	1.625%
17	10.146	1210	1217	1223	rBV	35396	64249	0.66%	0.066%
18	10.246	1226	1234	1256	rBV	1711762	3101672	31.96%	3.176%
19	10.428	1259	1265	1278	rVB5	14648	51605	0.53%	0.053%
20	10.628	1290	1299	1313	rBV	1692498	2964619	30.55%	3.035%
21	10.769	1316	1323	1345	rBV	1920612	3500030	36.06%	3.583%
22	11.881	1508	1512	1517	rVB4	7425	11572	0.12%	0.012%
23	12.046	1533	1540	1545	rBV7	18540	33271	0.34%	0.034%
24	12.140	1551	1556	1562	rBV2	11842	22316	0.23%	0.023%
25	12.216	1564	1569	1577	rVV2	26822	50322	0.52%	0.052%
26	13.287	1741	1751	1755	rBV5	14895	25357	0.26%	0.026%
27	13.363	1760	1764	1769	rVV3	9851	14597	0.15%	0.015%
28	13.440	1771	1777	1786	rVB7	10058	22058	0.23%	0.023%
29	13.798	1832	1838	1845	rBV	73485	118539	1.22%	0.121%
30	13.887	1845	1853	1867	rVV	4195447	5869639	60.48%	6.010%
31	13.987	1867	1870	1875	rVB7	8868	17373	0.18%	0.018%
32	14.163	1893	1900	1917	rVB	4693306	7244953	74.65%	7.418%
33	14.363	1927	1934	1938	rVB7	11313	18961	0.20%	0.019%
34	14.469	1942	1952	1972	rVB	2540613	3874212	39.92%	3.967%
35	14.692	1982	1990	2004	rBV2	153543	392594	4.05%	0.402%
36	15.263	2083	2087	2091	rBV3	11519	18821	0.19%	0.019%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012237.D
Acq On : 21 Oct 2022 10:21
Operator : CG/JU
Sample : N5103-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BA1

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\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

37	15.316	2091	2096	2103	rVB5	15198	28676	0.30%	0.029%
38	15.469	2115	2122	2136	rBV	6209284	9064223	93.40%	9.280%
39	15.598	2139	2144	2158	rVV	105165	177106	1.82%	0.181%
40	15.710	2158	2163	2170	rVB2	39310	64099	0.66%	0.066%
41	16.039	2214	2219	2224	rBV9	6416	14596	0.15%	0.015%
42	16.187	2240	2244	2251	rBV3	15808	26681	0.27%	0.027%
43	16.257	2252	2256	2262	rVB6	15966	27286	0.28%	0.028%
44	16.639	2317	2321	2325	rBV7	8680	15118	0.16%	0.015%
45	16.910	2361	2367	2373	rBV10	11557	24809	0.26%	0.025%
46	16.981	2376	2379	2383	rBV5	10116	14402	0.15%	0.015%
47	17.145	2404	2407	2412	rVB6	14376	17719	0.18%	0.018%
48	17.233	2415	2422	2432	rBV	2963386	4130296	42.56%	4.229%
49	17.334	2432	2439	2451	rBV	6650933	9580445	98.72%	9.809%
50	17.728	2503	2506	2508	rBV4	10653	11949	0.12%	0.012%
51	18.116	2569	2572	2577	rBV3	47338	65660	0.68%	0.067%
52	19.010	2721	2724	2727	rBV	39993	47245	0.49%	0.048%
53	19.151	2744	2748	2753	rBV3	66040	99606	1.03%	0.102%
54	19.216	2756	2759	2762	rBV	70735	92705	0.96%	0.095%
55	19.569	2814	2819	2824	rBV	7063671	9705072	100.00%	9.936%
56	19.604	2824	2825	2833	rVB	219460	234471	2.42%	0.240%
57	20.086	2904	2907	2913	rBV	266654	295338	3.04%	0.302%
58	20.575	2986	2990	2993	rBV	506697	540236	5.57%	0.553%
59	21.027	3064	3067	3079	rBV	710704	923152	9.51%	0.945%
60	21.327	3113	3118	3128	rVB	2613431	3372312	34.75%	3.453%
61	21.463	3138	3141	3146	rVB	504818	555346	5.72%	0.569%
62	21.921	3216	3219	3224	rBV	409491	529968	5.46%	0.543%
63	22.421	3301	3304	3311	rVB	347552	474714	4.89%	0.486%
64	22.563	3324	3328	3335	rVB	595906	842298	8.68%	0.862%
65	23.574	3493	3500	3514	rVB2	4511128	9467713	97.55%	9.693%
66	23.727	3520	3526	3535	rVB2	1779146	3457330	35.62%	3.540%

Sum of corrected areas: 97671055

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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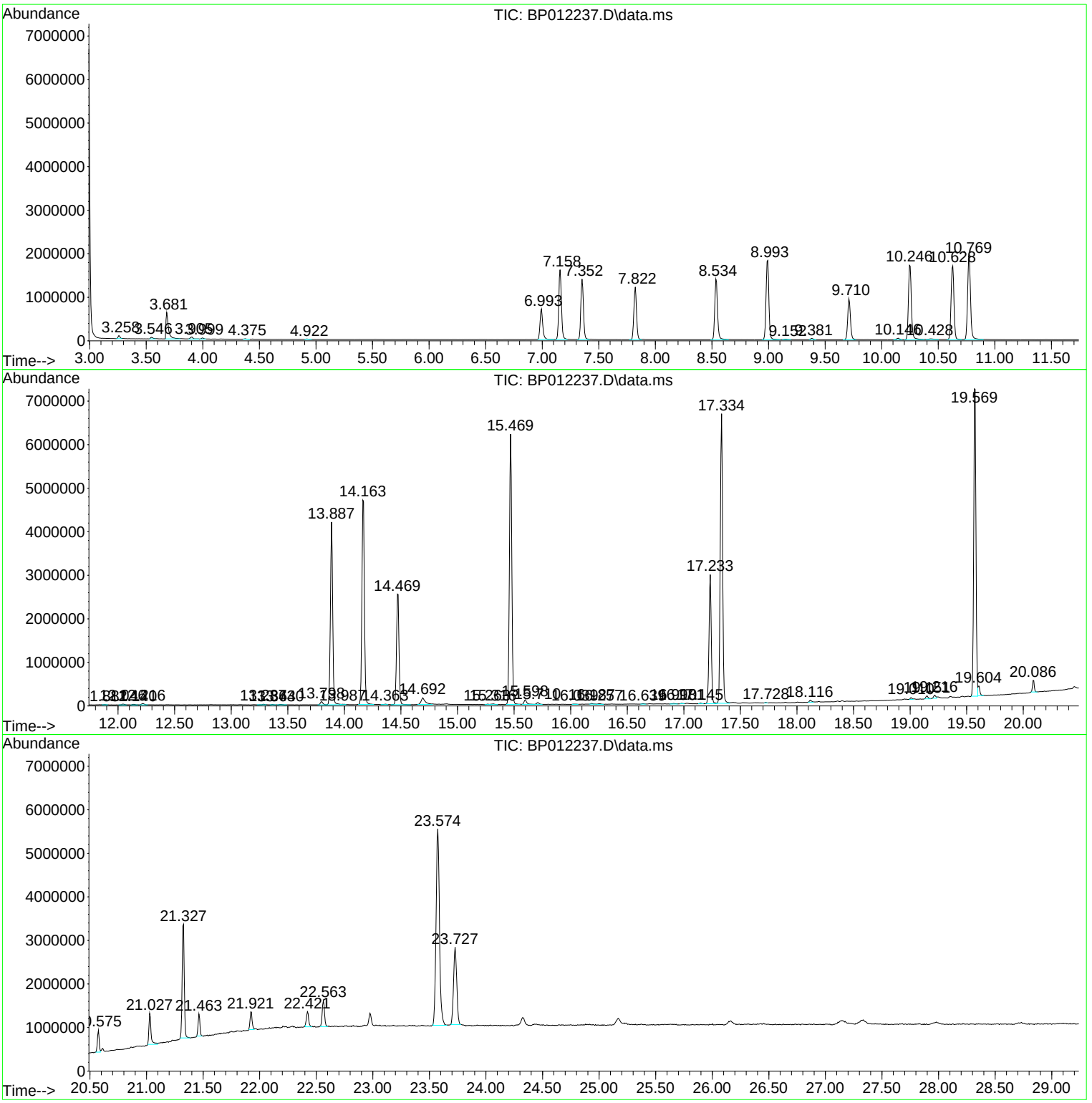
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012237.D
Acq On : 21 Oct 2022 10:21
Operator : CG/JU
Sample : N5103-16
Misc :
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Instrument :
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ClientSampleId :
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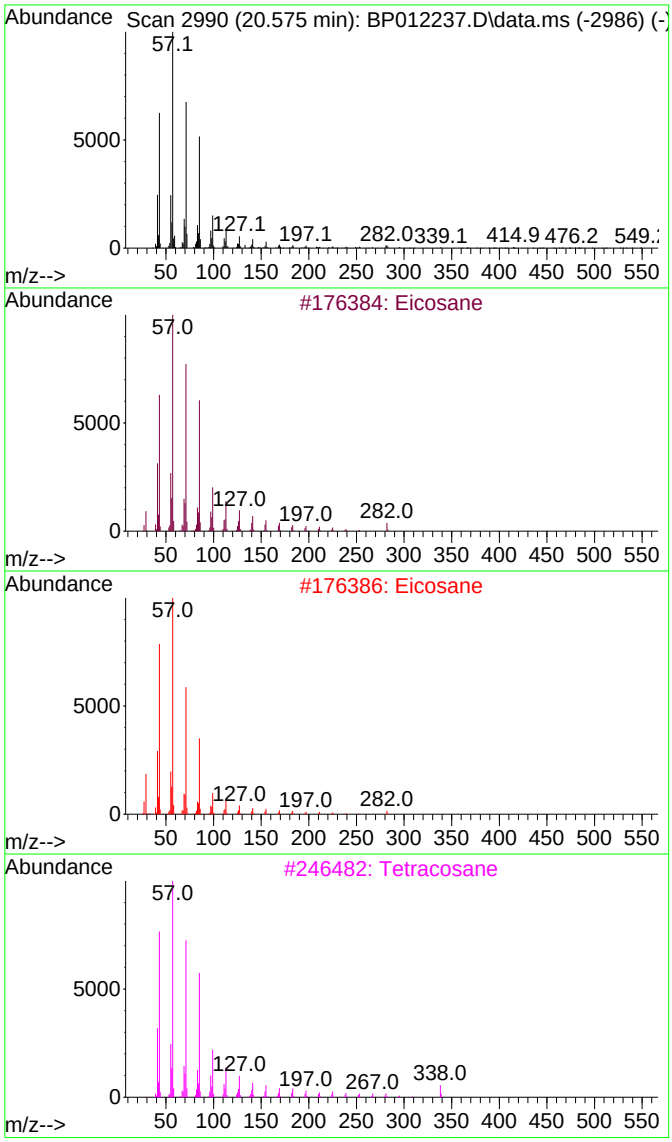
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

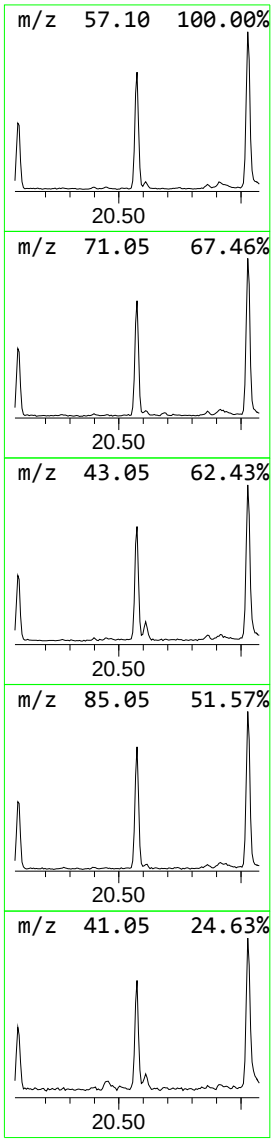
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.575	3.20 ng/ul	540236	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	97
3	Tetracosane	338	C24H50	000646-31-1	96
4	Heptadecane	240	C17H36	000629-78-7	95
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012237.D
Acq On : 21 Oct 2022 10:21
Operator : CG/JU
Sample : N5103-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BA1

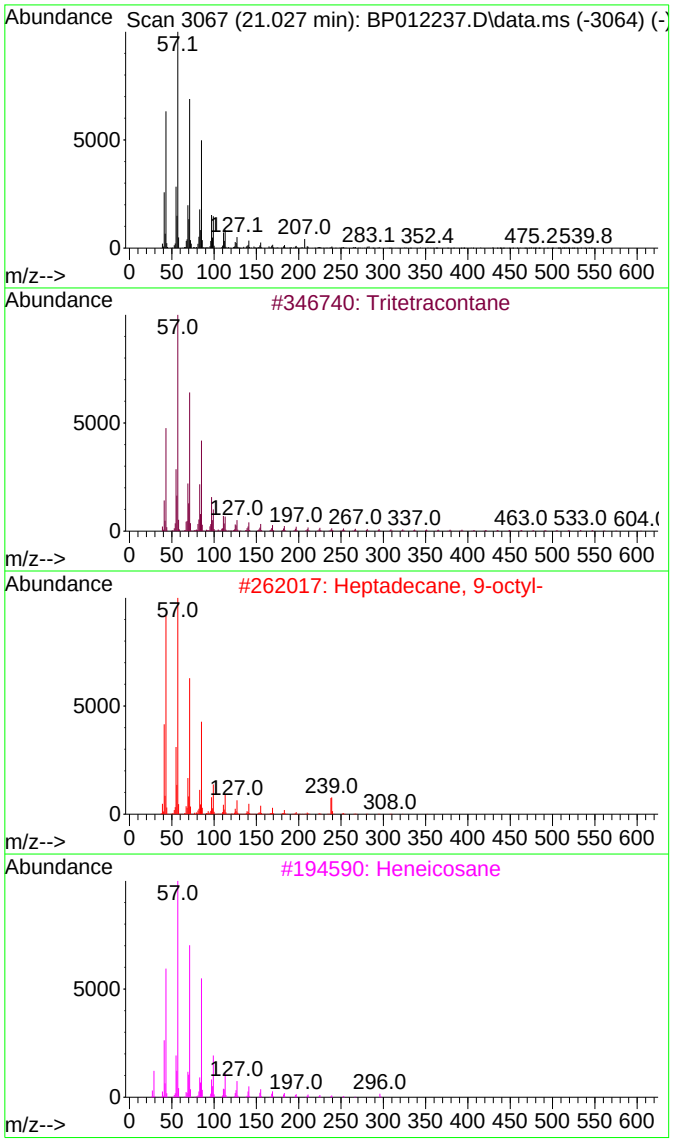
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

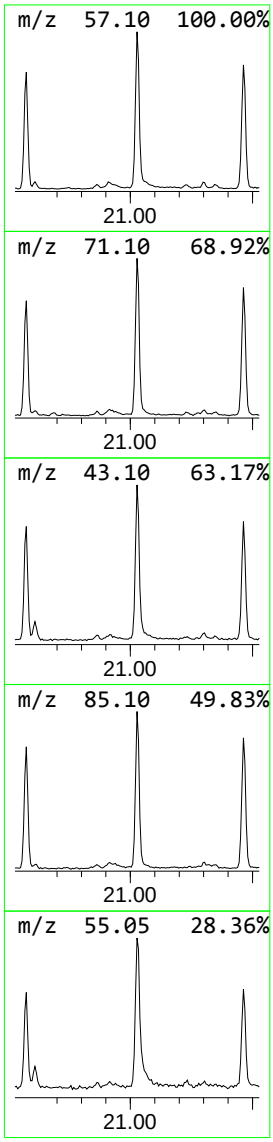
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	5.47 ng/ul	923152	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012237.D
Acq On : 21 Oct 2022 10:21
Operator : CG/JU
Sample : N5103-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BA1

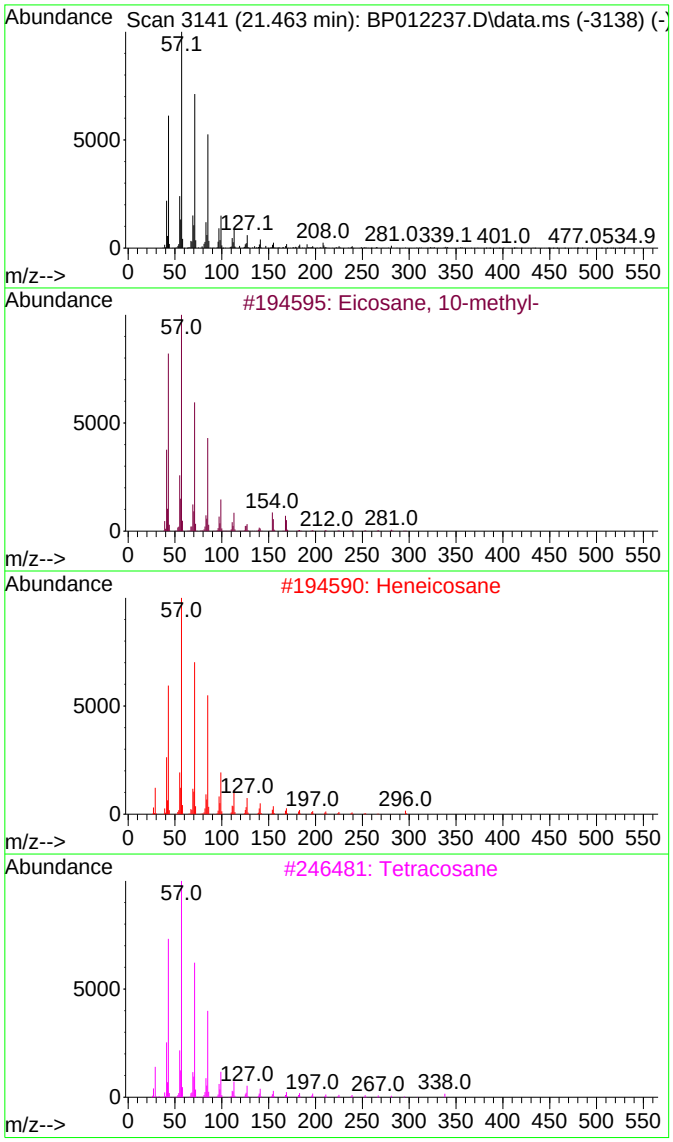
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

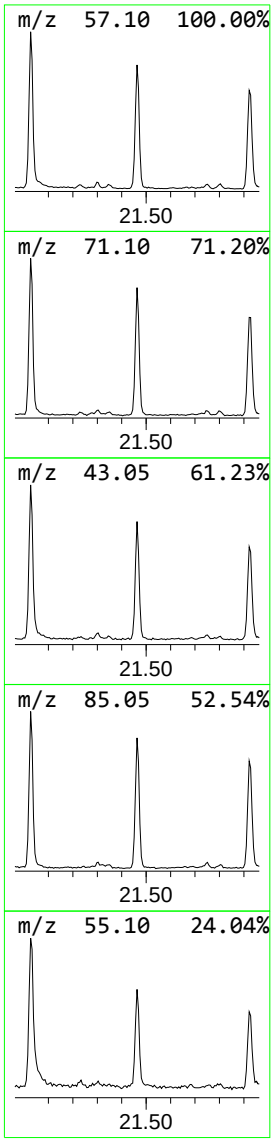
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.463	3.29 ng/ul	555346	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexacosane	366	C26H54	000630-01-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012237.D
Acq On : 21 Oct 2022 10:21
Operator : CG/JU
Sample : N5103-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BA1

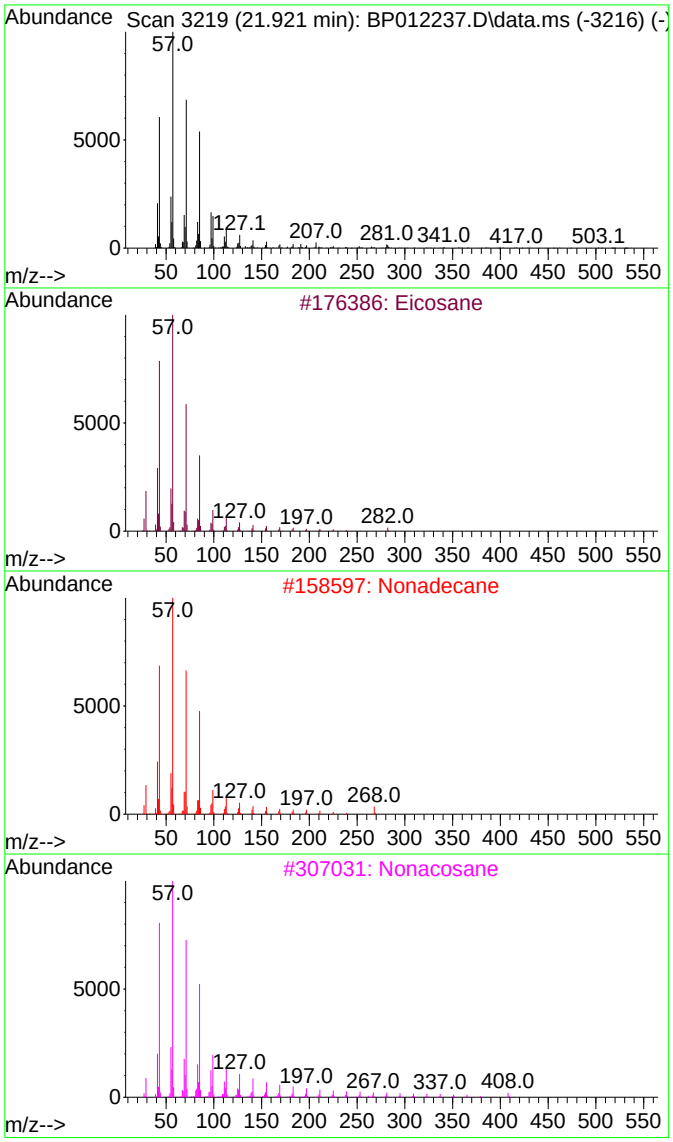
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

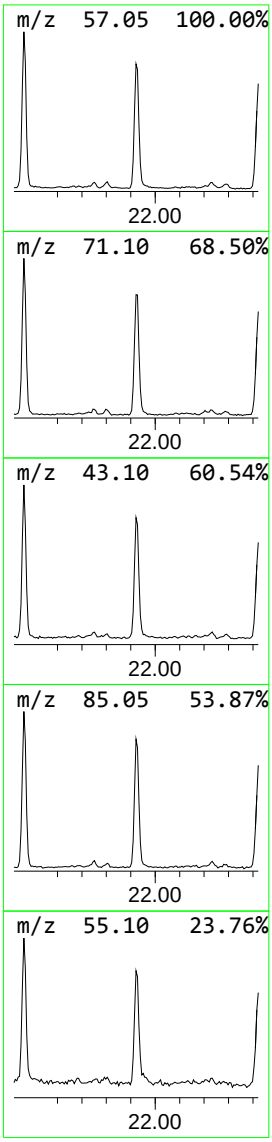
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.922	3.14 ng/ul	529968	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Nonacosane	408	C29H60	000630-03-5	91
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BA1

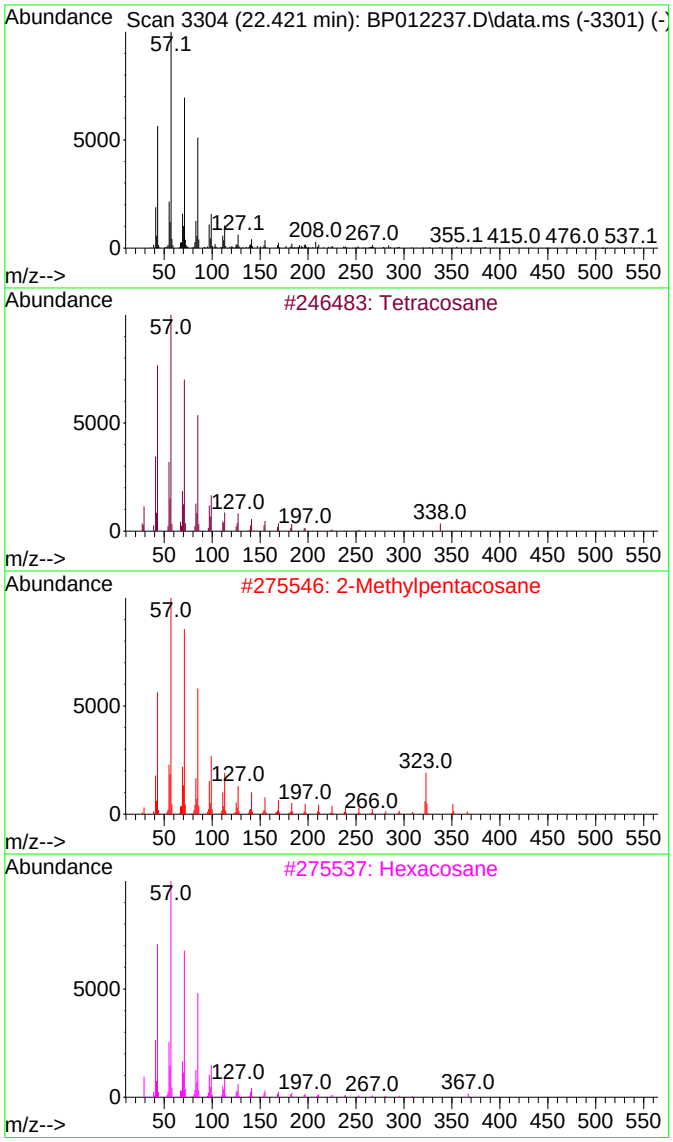
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

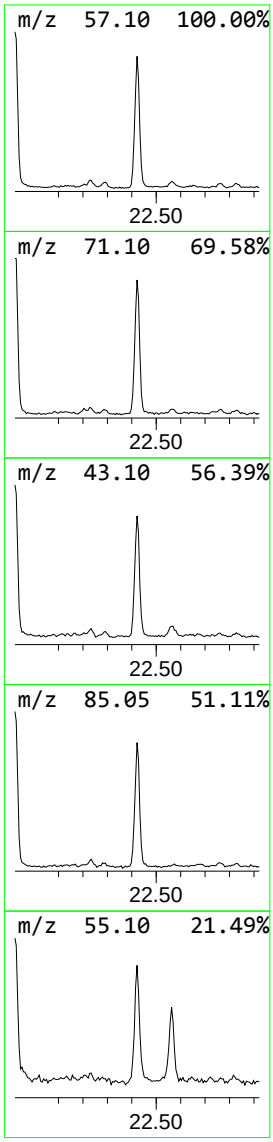
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.422	2.82 ng/ul	474714	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	2-Methylpentacosane	366	C26H54	000629-87-8	94
3	Hexacosane	366	C26H54	000630-01-3	94
4	Pentacosane	352	C25H52	000629-99-2	91
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012237.D
Acq On : 21 Oct 2022 10:21
Operator : CG/JU
Sample : N5103-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

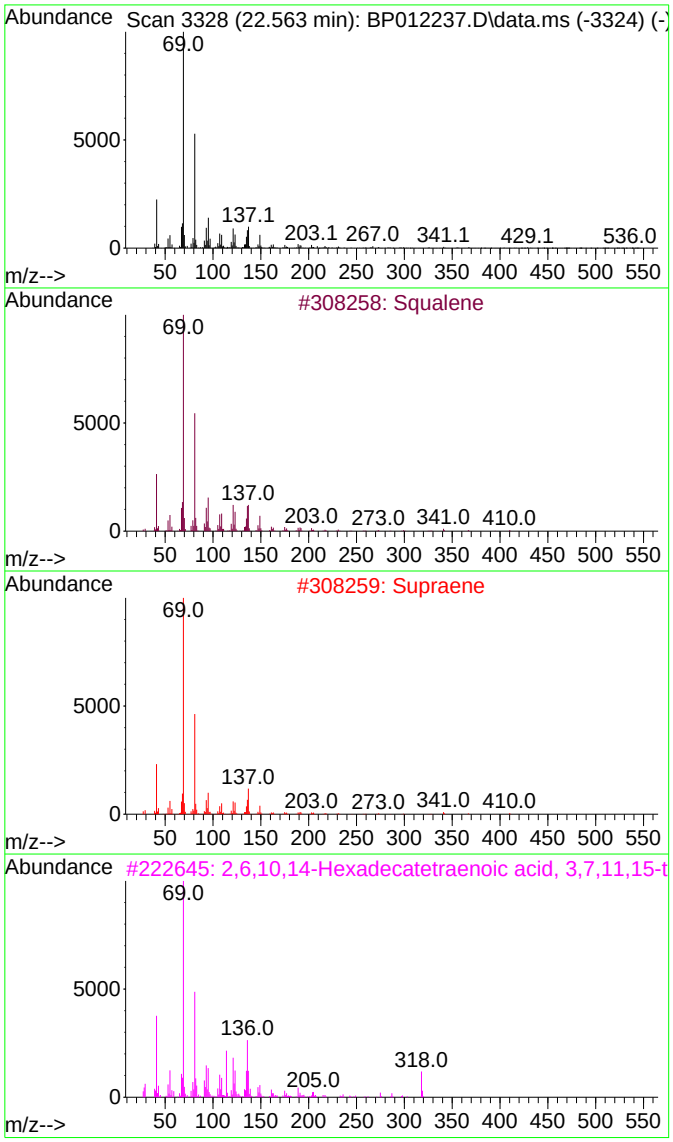
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

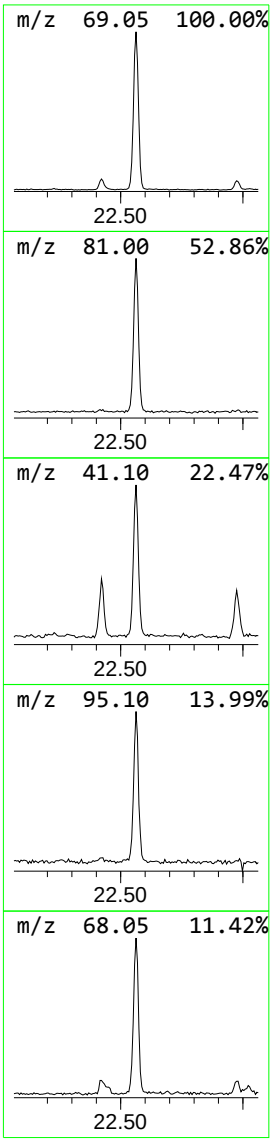
****

Peak Number 6 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.563	4.87 ng/ul	842298	Perylene-d12	23.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	83
3	2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	78
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012237.D
Acq On : 21 Oct 2022 10:21
Operator : CG/JU
Sample : N5103-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	20.575	3.2	ng/ul	540236	5	21.327	3372310	20.0
(DEL) Alkane: S...	21.027	5.5	ng/ul	923152	5	21.327	3372310	20.0
(DEL) Alkane: S...	21.463	3.3	ng/ul	555346	5	21.327	3372310	20.0
(DEL) Alkane: S...	21.922	3.1	ng/ul	529968	5	21.327	3372310	20.0
(DEL) Alkane: S...	22.422	2.8	ng/ul	474714	5	21.327	3372310	20.0
Squalene	22.563	4.9	ng/ul	842298	6	23.727	3457330	20.0