LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0KZ0

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-BP112522.M
Title : SVOA CALIBRATION

Signal : TIC: BP012791.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.364	25	30	37	rBV	4065250	6498321	37.71%	3.140%
2	3.428	37	41	58	rVB	4985776	7474043	43.37%	3.611%
3	3.822	104	108	120	rBV	556885	912473	5.29%	0.441%
4	3.946	126	129	134	rVB	33266	48802	0.28%	0.024%
5	4.064	143	149	155	rVB	56310	96359	0.56%	0.047%
6	4.158	161	165	169	rBV	64600	97914	0.57%	0.047%
7	4.217	172	175	180	rVV	56496	80544	0.47%	0.039%
8	4.275	181	185	191	rVV	141563	202244	1.17%	0.098%
9	4.699	250	257	270	rBV	8864223	13897105	80.64%	6.714%
10	5.181	334	339	348	rVB7	18372	40847	0.24%	0.020%
11	5.299	353	359	364	rBV5	22180	44040	0.26%	0.021%
12	5.358	364	369	377	rVB	98122	158487	0.92%	0.077%
13	5.434	377	382	388	rBV	165216	243261	1.41%	0.118%
14	5.781	435	441	448	rBV	111941	184867	1.07%	0.089%
15	6.052	482	487	491	rBV2	21565	39637	0.23%	0.019%
16	6.234	513	518	529	rVB	85271	143996	0.84%	0.070%
17	6.752	599	606	612	rBV	167714	279436	1.62%	0.135%
18	6.899	625	631	639	rVB	244490	386783	2.24%	0.187%
19	7.163	669	676	686	rVB	471192	781629	4.54%	0.378%
20	7.340	700	706	711	rBV	1948134	3186598	18.49%	1.540%
21	7.546	732	741	748	rBV	1721703	2811550	16.31%	1.358%
22	7.605	748	751	763	rVB3	60455	110672	0.64%	0.053%
23	7.699	763	767	772	rVB4	27387	43824	0.25%	0.021%
24	7.763	772	778	783	rBV2	42736	88725	0.51%	0.043%
25	8.016	809	821	828	rBV	1999957	3161333	18.34%	1.527%
26	8.087	828	833	842	rVB4	86208	199394	1.16%	0.096%
27	8.346	872	877	882	rVB	41056	68659	0.40%	0.033%
28	8.434	882	892	897	rBV8	15047	44647	0.26%	0.022%
29	8.510	902	905	910	rVV	19094	33078	0.19%	0.016%
30	8.716	933	940	950	rBV	1440388	2259937	13.11%	1.092%
31	8.822	953	958	965	rVB5	17778	37517	0.22%	0.018%
32	8.969	977	983	987	rBV2	60217	101190	0.59%	0.049%
33	9.010	987	990	994	rVB2	28366	40784	0.24%	0.020%
34	9.181	1009	1019	1031	rBV	2131241	3497807	20.30%	1.690%
35	9.346	1043	1047	1051	rBV3	30691	43913	0.25%	0.021%
36	9.604	1084	1091	1097	rVB	115435	171270	0.99%	0.083%

LSC Area Percent Report

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Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0KZ0

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-BP112522.M
Title : SVOA CALIBRATION

37	9.757	1111	1117	1123	rVB8	18363	40326	0.23%	0.019%
38	9.904	1129	1142	1156	rBV	1683736	2908861	16.88%	1.405%
39	10.446	1226	1234	1246	rVV	2645150	4429579	25.70%	2.140%
40	10.622	1256	1264	1271	rVB7	25992	70256	0.41%	0.034%
41	10.834	1291	1300	1307	rVV	2978218	4895461	28.41%	2.365%
42	10.963	1315	1322	1335	rBV	2164629	3677235	21.34%	1.777%
43	11.493	1404	1412	1418	rBV5	17660	41497	0.24%	0.020%
44	11.563	1418	1424	1428	rBV	259574	413938	2.40%	0.200%
45	11.604	1428	1431	1437	rVB5	37352	59544	0.35%	0.029%
46	12.098	1508	1515	1520	rBV	46921	77136	0.45%	0.037%
47	12.246	1533	1540	1545	rVB	59787	89397	0.52%	0.043%
48	12.410	1560	1568	1574	rBV	54593	94435	0.55%	0.046%
49	13.051	1674	1677	1683	rVB5	20606	32690	0.19%	0.016%
50	13.251	1706	1711	1719	rVB5	17538	39852	0.23%	0.019%
51	13.510	1744	1755	1769	rBV2	909064	1553932	9.02%	0.751%
52	13.622	1769	1774	1780	rVB7	18129	41683	0.24%	0.020%
53	13.981	1828	1835	1841	rBV2	91065	187737	1.09%	0.091%
54	14.057	1841	1848	1854	rVV	5785009	7818679	45.37%	3.778%
55	14.104	1854	1856	1859	rVV2	40828	44959	0.26%	0.022%
56	14.163	1862	1866	1874	rVB4	29323	62707	0.36%	0.030%
57	14.263	1874	1883	1891	rBV	2939794	4695775	27.25%	2.269%
58	14.345	1891	1897	1906	rVB	6556373	9759160	56.63%	4.715%
59	14.545	1927	1931	1935	rVB2	36421	47215	0.27%	0.023%
60	14.651	1942	1949	1956	rVB	4810033	7094512	41.17%	3.428%
61	14.834	1973	1980	1985	rBV	459936	695606	4.04%	0.336%
62	15.045	2011	2016	2024	rVB5	109326	197877	1.15%	0.096%
63	15.445	2079	2084	2089	rVV4	19323	39176	0.23%	0.019%
64	15.498	2089	2093	2098	rVB3	25111	35774	0.21%	0.017%
65	15.645	2111	2118	2124	rBV	8766418	12503808	72.56%	6.041%
66	15.687	2124	2125	2130	rVV4	108497	101381	0.59%	0.049%
67	15.751	2130	2136	2145	rVV	2280991	3047369	17.68%	1.472%
68	15.881	2151	2158	2165	rVB4	43160	92156	0.53%	0.045%
69	16.010	2175	2180	2185	rBV	95832	129941	0.75%	0.063%
70	16.786	2309	2312	2320	rVB5	56664	82273	0.48%	0.040%
71	17.086	2357	2363	2366	rBV7	19673	39811	0.23%	0.019%
72	17.192	2378	2381	2390	rVB6	19202	41097	0.24%	0.020%
73	17.410	2411	2418	2427	rBV	5985328	8662142	50.26%	4.185%
74	17.510	2428	2435	2443	rVV	9267801	13734029	79.70%	6.636%
75	17.592	2445	2449	2456	rVB	172647	242748	1.41%	0.117%
76	17.686	2461	2465	2472	rBV	50022	71084	0.41%	0.034%

LSC Area Percent Report

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Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Title : SVOA CALIBRATION

77	17.786	2477	2482	2486	rBV4	37780	55911	0.32%	0.027%
78	18.069	2526	2530	2536	rVB3	41673	67716	0.39%	0.033%
79	18.280	2561	2566	2575	rBV	1954576	2778079	16.12%	1.342%
80	18.351	2575	2578	2588	rVB	119318	219981	1.28%	0.106%
81	18.480	2597	2600	2605	rVB6	33498	44982	0.26%	0.022%
82	18.692	2632	2636	2643	rBV2	285197	345785	2.01%	0.167%
83	19.310	2736	2741	2746	rBV2	134114	186333	1.08%	0.090%
84	19.380	2748	2753	2758	rBV	139413	259050	1.50%	0.125%
85	19.516	2770	2776	2797	rBV	3097954	4799636	27.85%	2.319%
86	19.657	2797	2800	2807	rVV4	104161	200461	1.16%	0.097%
87	19.733	2807	2813	2827	rVB	12915347	17028813	98.82%	8.227%
88	19.951	2847	2850	2854	rVB2	41034	49539	0.29%	0.024%
89	20.251	2898	2901	2906	rVB	211609	216791	1.26%	0.105%
90	20.733	2980	2983	2988	rBV	380563	395561	2.30%	0.191%
91	21.186	3055	3060	3071	rBV	1499320	2084993	12.10%	1.007%
92	21.492	3106	3112	3125	rBV	7619681	10329313	59.94%	4.991%
93	21.645	3134	3138	3145	rVB	556452	681074	3.95%	0.329%
94	22.121	3216	3219	3229	rVB	532826	736830	4.28%	0.356%
95	22.645	3303	3308	3320	rBV	872901	1551616	9.00%	0.750%
96	22.798	3331	3334	3342	rVB	317298	472096	2.74%	0.228%
97	23.239	3404	3409	3414	rBV	456489	716194	4.16%	0.346%
98	23.845	3504	3512	3519	rBV2	8385226	17233009	100.00%	8.326%
99	24.010	3532	3540	3551	rVB2	5013289	10482583	60.83%	5.065%
100	24.680	3650	3654	3661	rVB	319945	636767	3.70%	0.308%

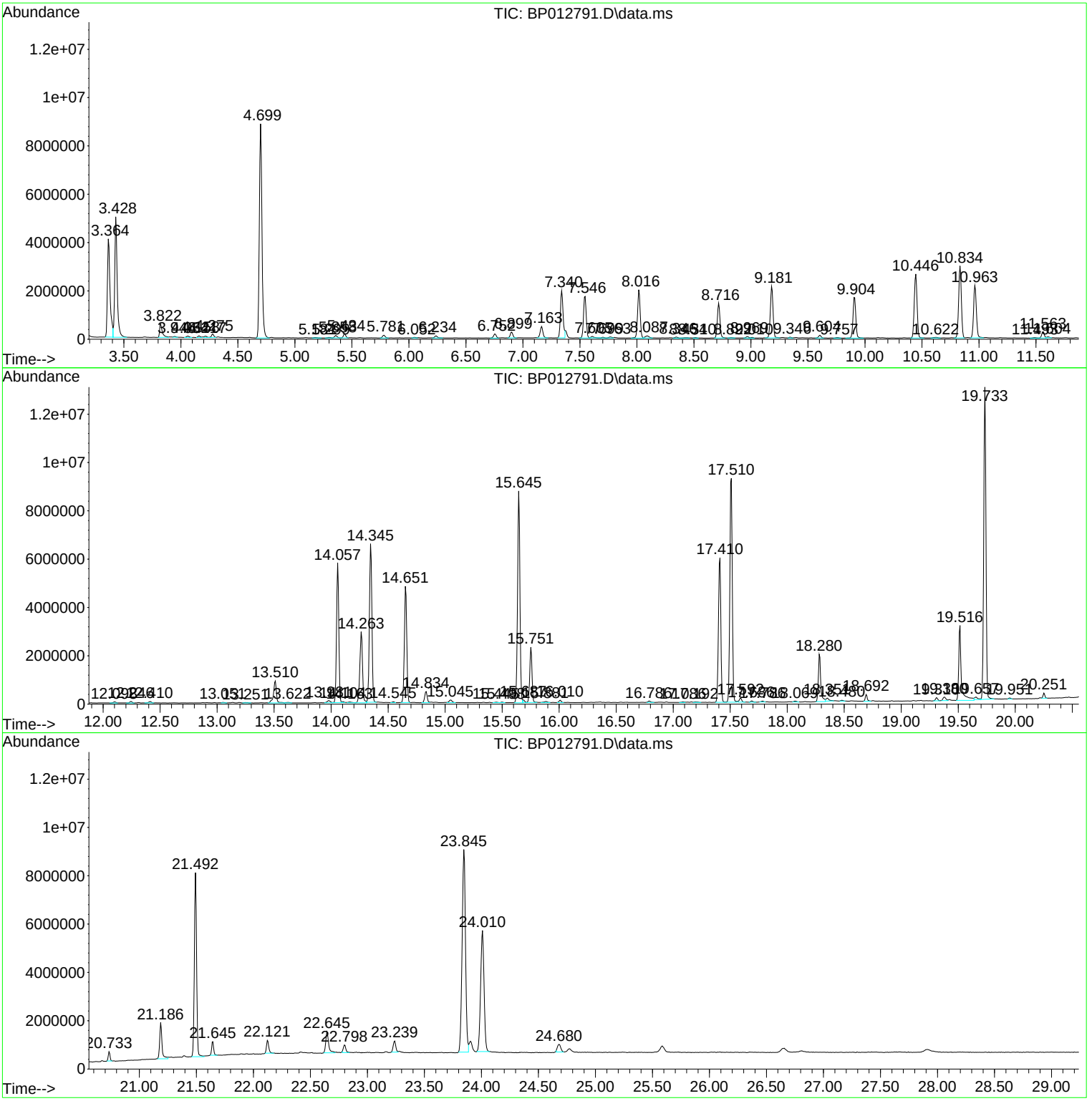
Sum of corrected areas: 206977637

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION

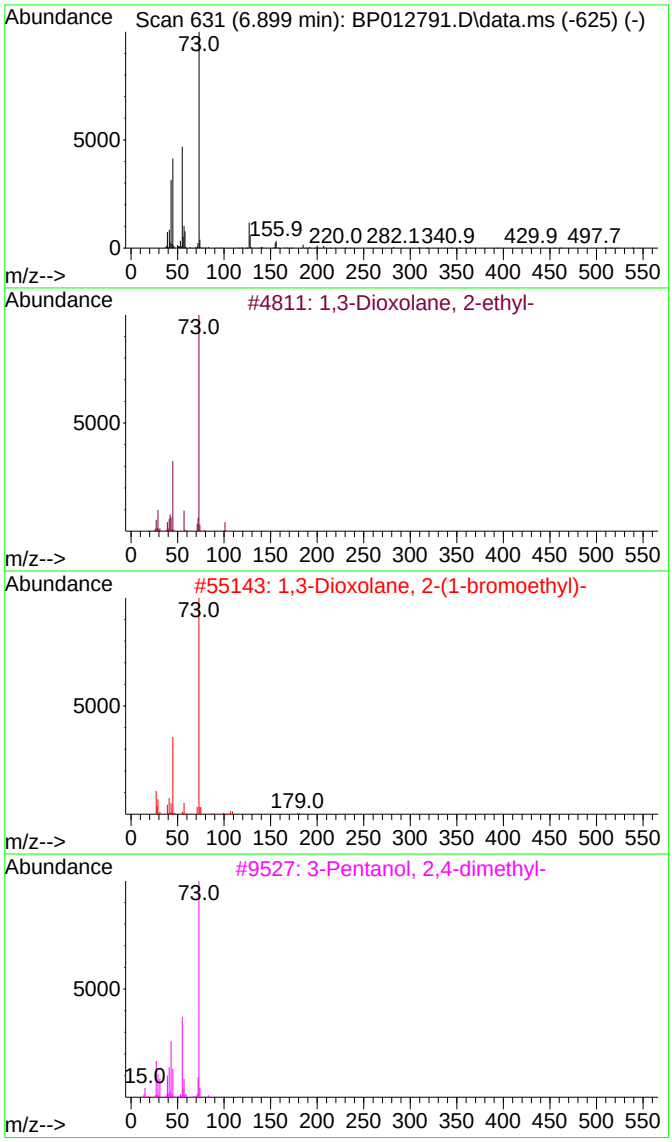
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

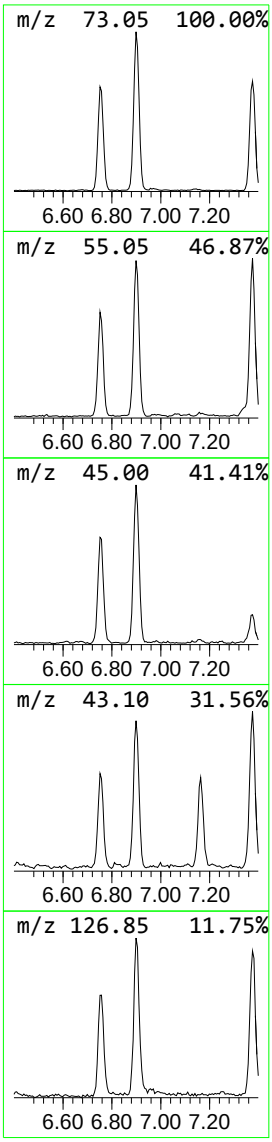
****

Peak Number 2 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.899	2.45 ng/ul	386783	1,4-Dichlorobenzene-d4	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	42
2	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	42
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	35
4	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	28
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
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Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION

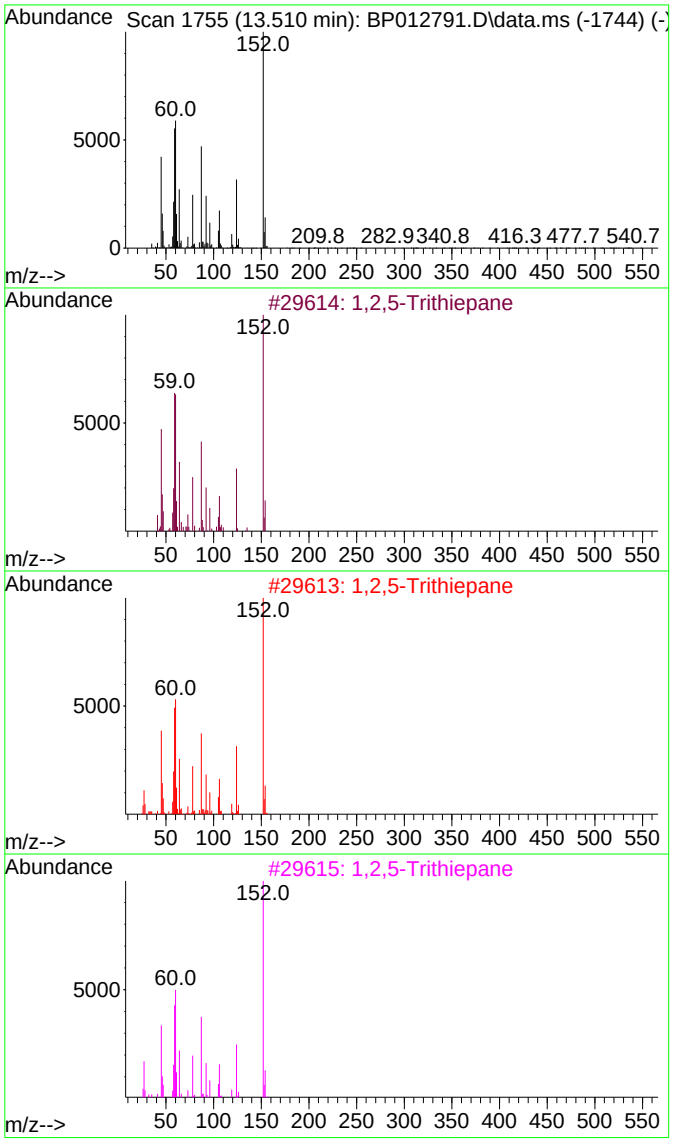
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

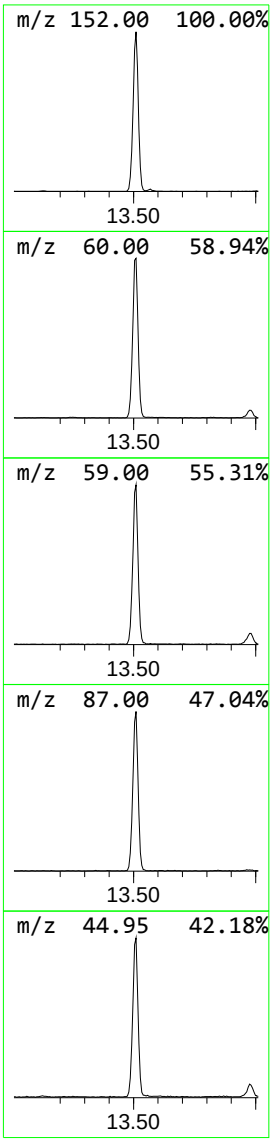
****

Peak Number 3 1,2,5-Trithiepane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.510	4.38 ng/ul	1553930	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	99
2	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	98
3	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	98
4	1,3,5-Trithiocycloheptane	152	C4H8S3	081451-19-6	90
5	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
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Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

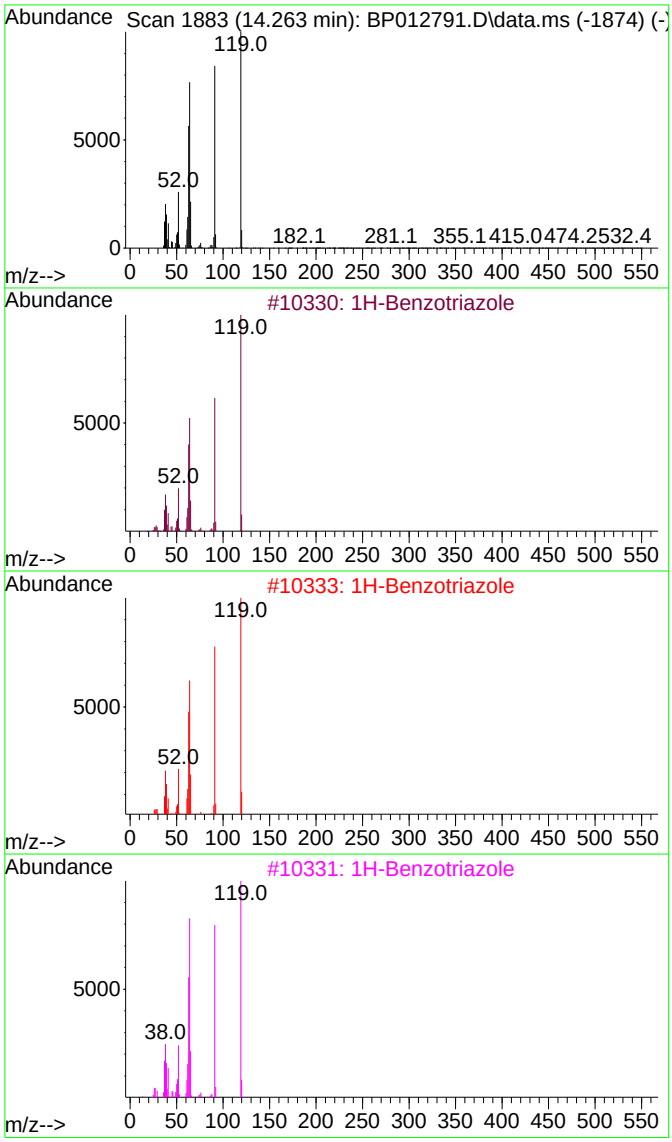
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION

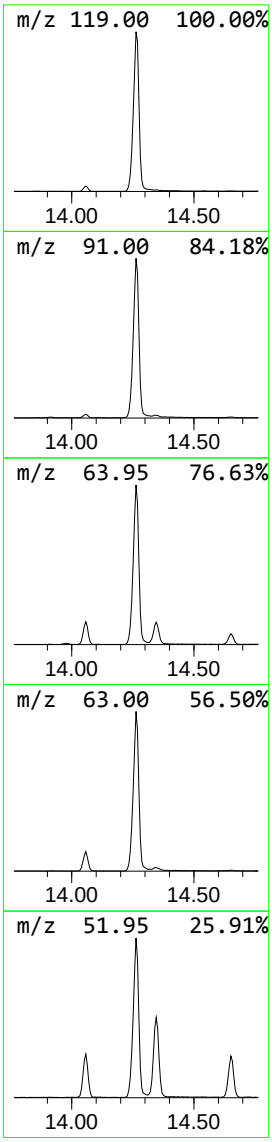
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Benzotriazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	13.24 ng/ul	4695780	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole	119	C6H5N3	000095-14-7	98
2	1H-Benzotriazole	119	C6H5N3	000095-14-7	98
3	1H-Benzotriazole	119	C6H5N3	000095-14-7	95
4	1H-Benzotriazole	119	C6H5N3	000095-14-7	94
5	Benzonitrile, 3-hydroxy-	119	C7H5NO	000873-62-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

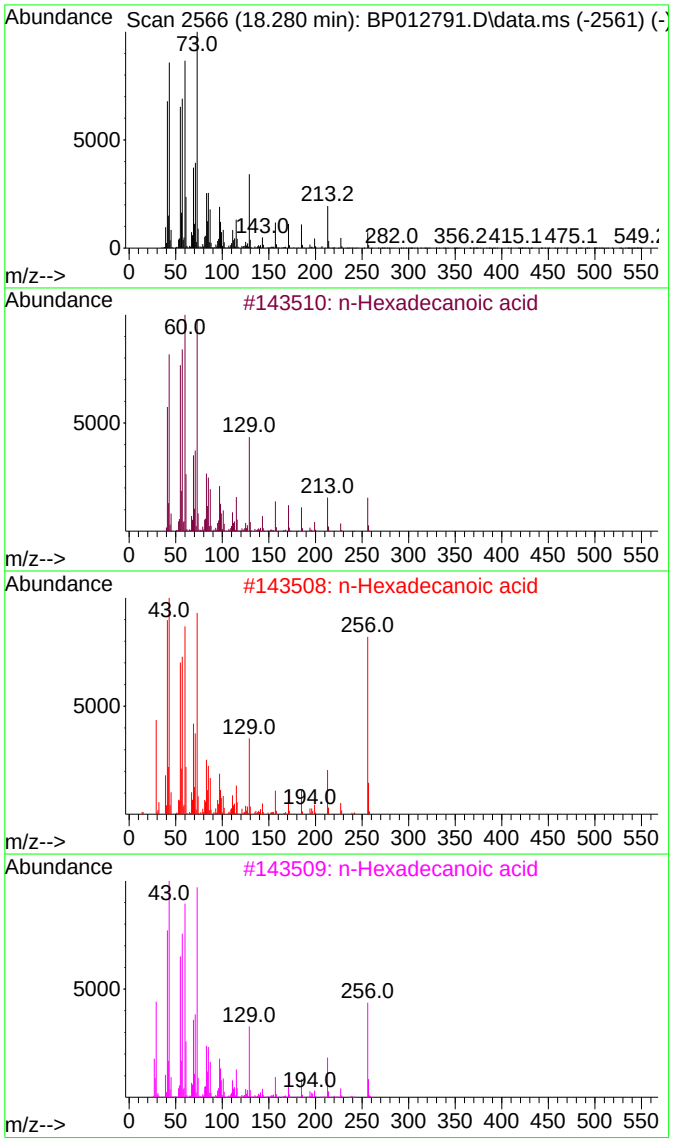
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION

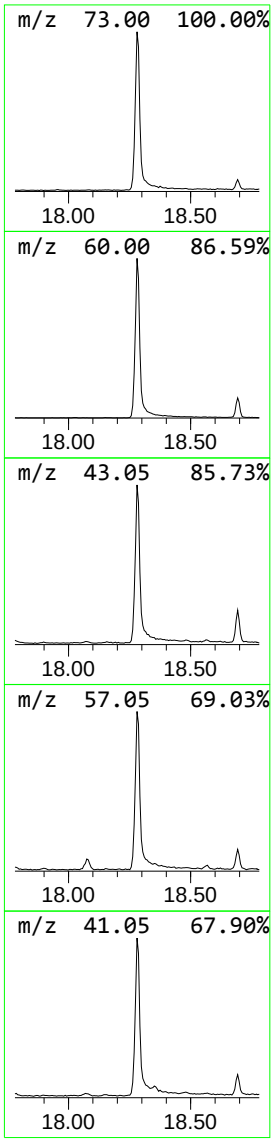
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	6.41 ng/ul	2778080	Phenanthrene-d10	17.410

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION

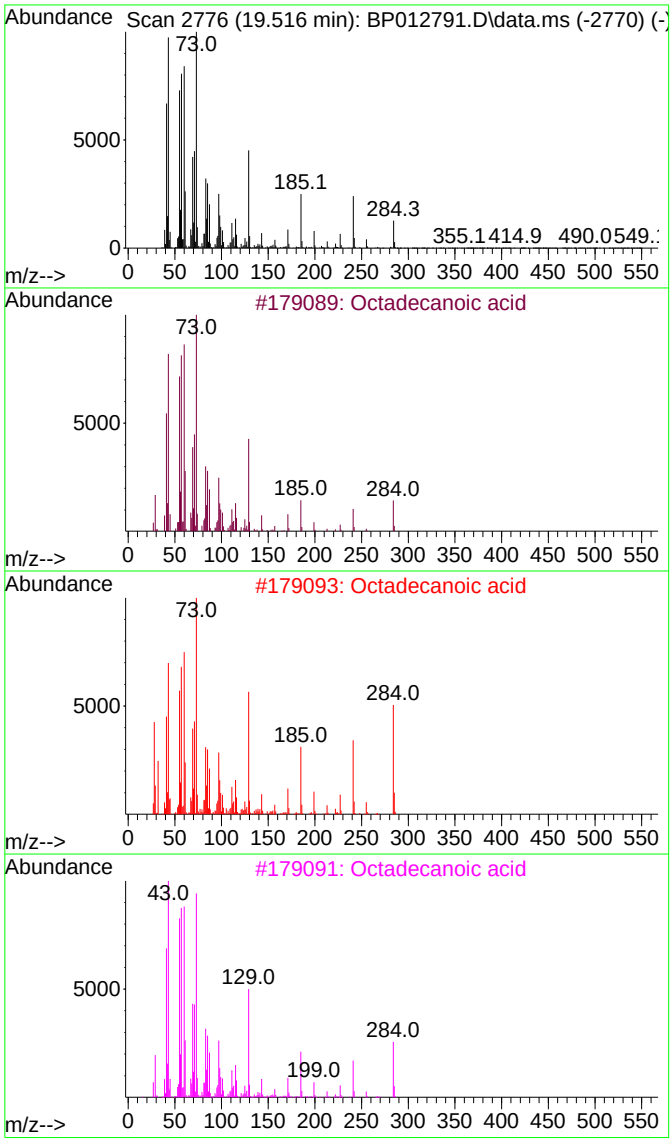
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

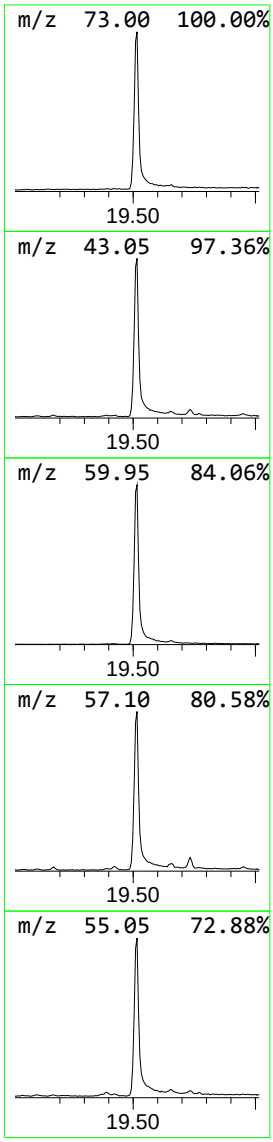
****

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	9.29 ng/ul	4799640	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION

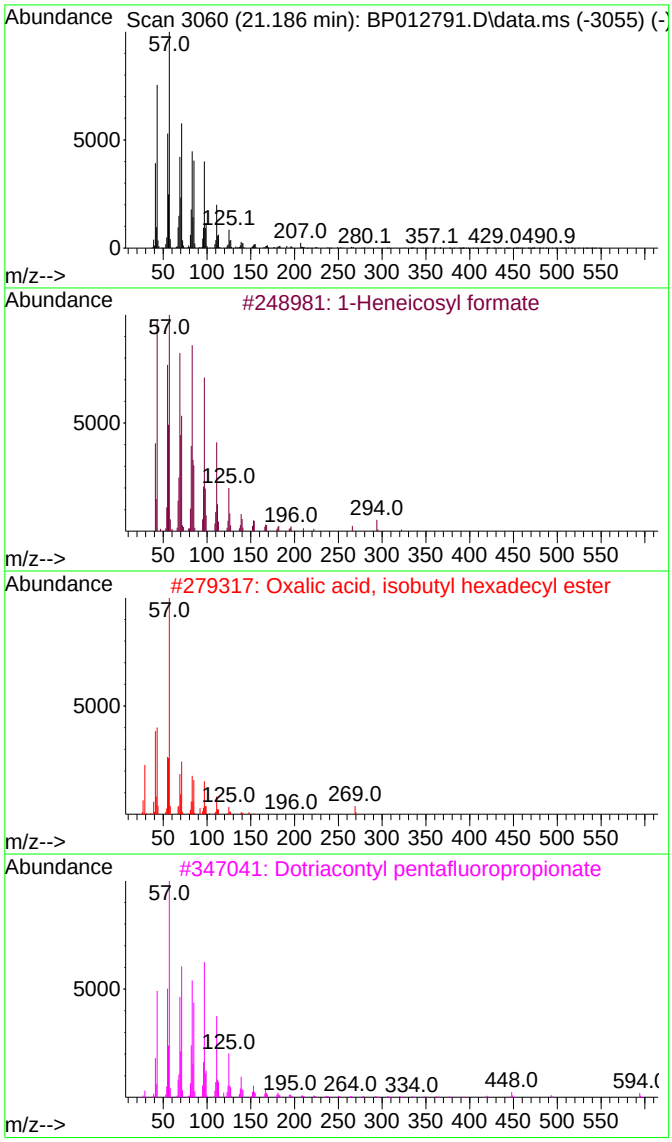
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

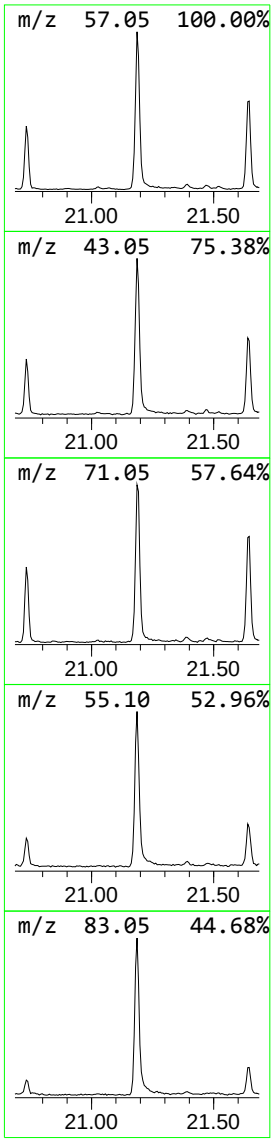
****

Peak Number 7 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	4.04 ng/ul	2084990	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	91
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	87
5	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

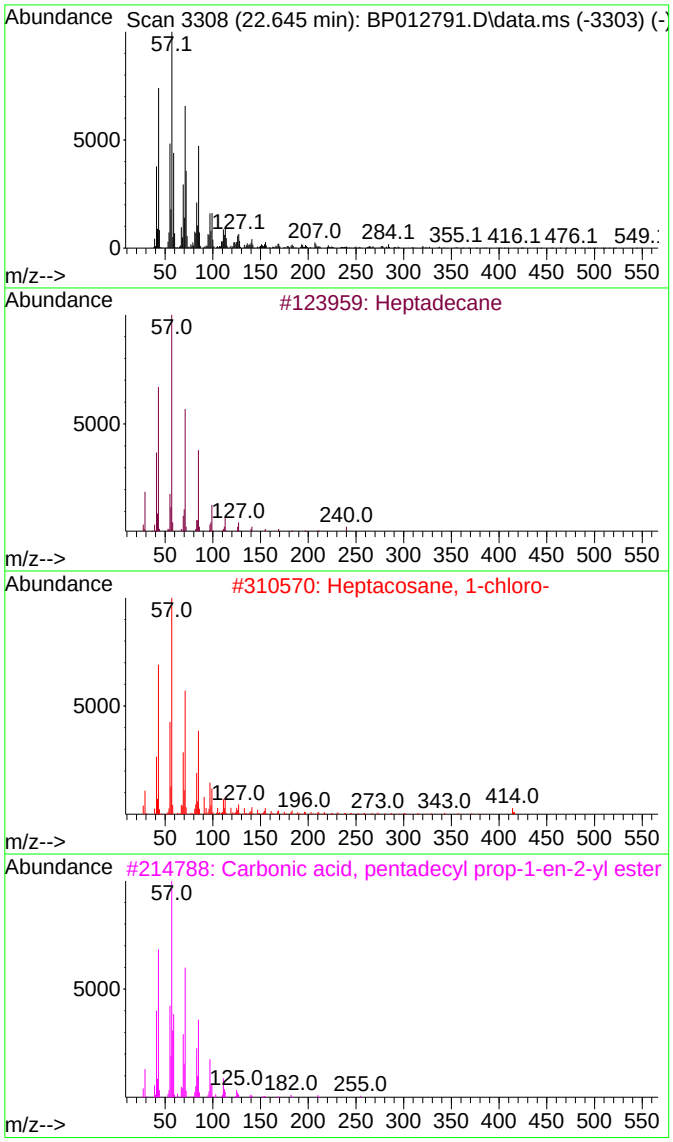
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION

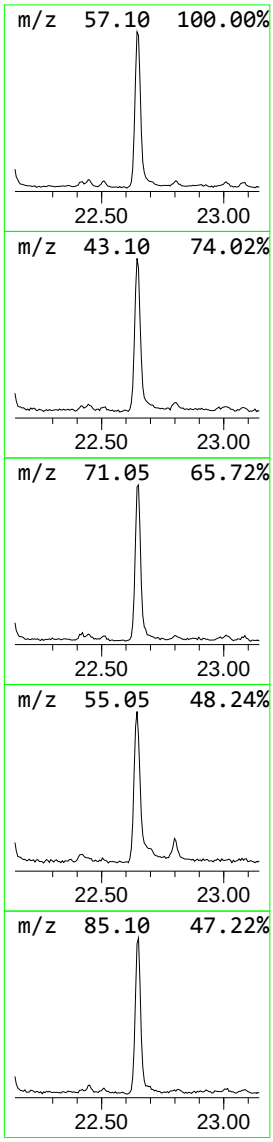
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.645	3.00 ng/ul	1551620	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
3	Carbonic acid, pentadecyl prop-1...	312	C19H36O3	1000382-91-0	62
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	60
5	2-Methylhexacosane	380	C27H56	001561-02-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012791.D
Acq On : 27 Nov 2022 04:57
Operator : CG/JU
Sample : N5710-11
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0KZ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.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
unknown-01	6.899	2.5	ng/ul	386783	1	8.016	3161330	20.0
1,2,5-Trithiepane	13.510	4.4	ng/ul	1553930	3	14.651	7094510	20.0
1H-Benzotriazole	14.263	13.2	ng/ul	4695780	3	14.651	7094510	20.0
n-Hexadecanoic ...	18.281	6.4	ng/ul	2778080	4	17.410	8662140	20.0
Octadecanoic acid	19.516	9.3	ng/ul	4799640	5	21.492	10329300	20.0
1-Heneicosyl fo...	21.186	4.0	ng/ul	2084990	5	21.492	10329300	20.0
(DEL) Alkane: S...	22.645	3.0	ng/ul	1551620	5	21.492	10329300	20.0