LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E45E5DL

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014290.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	39	rBV	1151610	1846606	15.80%	3.326%
2	3.434	39	42	55	rVB	240732	339271	2.90%	0.611%
3	3.681	80	84	89	rBV	11350	17023	0.15%	0.031%
4	3.852	111	113	126	rBV2	60421	90411	0.77%	0.163%
5	4.058	143	148	156	rVB2	8139	14724	0.13%	0.027%
6	4.158	160	165	176	rBV	295417	432354	3.70%	0.779%
7	4.699	250	257	273	rVB	7659027	11686378	100.00%	21.046%
8	5.505	389	394	398	rBV	23459	33687	0.29%	0.061%
9	5.664	412	421	426	rBV	16509	32845	0.28%	0.059%
10	6.017	474	481	487	rBV	15991	28660	0.25%	0.052%
11	6.499	557	563	567	rBV3	9551	17676	0.15%	0.032%
12	6.687	588	595	599	rBV10	7215	12944	0.11%	0.023%
13	7.111	662	667	673	rVV3	10836	25732	0.22%	0.046%
14	7.193	676	681	693	rVV	77539	172441	1.48%	0.311%
15	7.281	693	696	702	rVB5	8916	14548	0.12%	0.026%
16	7.352	702	708	714	rBV	294708	477917	4.09%	0.861%
17	7.411	714	718	723	rVB	25572	40791	0.35%	0.073%
18	7.558	737	743	752	rBV	287235	484464	4.15%	0.872%
19	8.028	814	823	837	rBV	620025	1039142	8.89%	1.871%
20	8.281	861	866	871	rBV9	5948	11764	0.10%	0.021%
21	8.387	878	884	891	rBV2	61741	113612	0.97%	0.205%
22	8.746	938	945	958	rBV	284782	509406	4.36%	0.917%
23	9.205	1016	1023	1037	rBV	379581	656351	5.62%	1.182%
24	9.316	1037	1042	1046	rVV4	20019	31306	0.27%	0.056%
25	9.581	1082	1087	1092	rBV3	10976	17678	0.15%	0.032%
26	9.869	1129	1136	1140	rBV8	9420	21984	0.19%	0.040%
27	9.934	1140	1147	1155	rBV	309790	540187	4.62%	0.973%
28	10.475	1230	1239	1262	rBV	442875	897650	7.68%	1.617%
29	10.852	1296	1303	1311	rBV	981211	1621740	13.88%	2.921%
30	10.999	1317	1328	1343	rBV	322698	691448	5.92%	1.245%
31	11.452	1400	1405	1412	rVB8	7785	14802	0.13%	0.027%
32	11.652	1433	1439	1449	rBV10	11630	33562	0.29%	0.060%
33	12.081	1505	1512	1513	rBV7	8298	12330	0.11%	0.022%
34	12.246	1537	1540	1545	rVB7	8440	12323	0.11%	0.022%
35	12.440	1569	1573	1579	rVB4	8523	15639	0.13%	0.028%
36	12.587	1592	1598	1602	rBV9	6394	13239	0.11%	0.024%

LSC Area Percent Report

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Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

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-BP030723.M
Title : SVOA CALIBRATION

37	12.793	1629	1633	1641	rVB10	9949	23066	0.20%	0.042%
38	13.399	1732	1736	1744	rBV5	28178	50349	0.43%	0.091%
39	13.557	1754	1763	1768	rBV5	18102	37977	0.32%	0.068%
40	13.681	1771	1784	1794	rBV	241219	450529	3.86%	0.811%
41	13.887	1815	1819	1832	rVB8	21209	50526	0.43%	0.091%
42	13.981	1832	1835	1842	rBV9	7697	18396	0.16%	0.033%
43	14.081	1845	1852	1862	rBV	1173889	1603926	13.72%	2.888%
44	14.310	1887	1891	1895	rBV6	12295	18378	0.16%	0.033%
45	14.369	1895	1901	1907	rBV	1148818	1725706	14.77%	3.108%
46	14.587	1934	1938	1943	rBV7	23406	39795	0.34%	0.072%
47	14.675	1947	1953	1965	rVB	1611679	2388369	20.44%	4.301%
48	14.763	1965	1968	1972	rBV6	14889	22615	0.19%	0.041%
49	14.916	1989	1994	2002	rBV3	40523	105492	0.90%	0.190%
50	15.081	2018	2022	2031	rVB6	33057	59153	0.51%	0.107%
51	15.193	2039	2041	2046	rVB5	16357	22759	0.19%	0.041%
52	15.322	2058	2063	2066	rBV7	19330	28929	0.25%	0.052%
53	15.669	2116	2122	2132	rVB	1680666	2324902	19.89%	4.187%
54	15.793	2137	2143	2154	rBV	489555	729803	6.24%	1.314%
55	15.910	2160	2163	2167	rBV6	9359	13368	0.11%	0.024%
56	16.034	2179	2184	2194	rVB	165309	237987	2.04%	0.429%
57	16.816	2313	2317	2327	rBV3	34889	64053	0.55%	0.115%
58	17.387	2411	2414	2416	rBV4	8166	11866	0.10%	0.021%
59	17.434	2416	2422	2430	rVB	2141798	3041869	26.03%	5.478%
60	17.534	2433	2439	2446	rBV2	1924476	2681272	22.94%	4.829%
61	18.181	2545	2549	2557	rBV9	30316	54028	0.46%	0.097%
62	18.298	2564	2569	2579	rBV	602920	933567	7.99%	1.681%
63	19.334	2743	2745	2750	rVB4	26390	31984	0.27%	0.058%
64	19.410	2751	2758	2773	rBV3	175726	462274	3.96%	0.832%
65	19.522	2773	2777	2791	rVV	294104	499309	4.27%	0.899%
66	19.757	2811	2817	2823	rBV	2424358	3212854	27.49%	5.786%
67	20.251	2898	2901	2905	rVB	116427	116138	0.99%	0.209%
68	20.633	2964	2966	2970	rVB2	65683	68434	0.59%	0.123%
69	20.733	2980	2983	2988	rBV	256572	263797	2.26%	0.475%
70	21.192	3057	3061	3068	rBV	589789	745193	6.38%	1.342%
71	21.516	3111	3116	3124	rBV	2536496	3349371	28.66%	6.032%
72	21.639	3133	3137	3143	rBV	415269	473915	4.06%	0.853%
73	22.116	3214	3218	3227	rBV	343894	458975	3.93%	0.827%
74	22.633	3303	3306	3314	rVB	265898	386964	3.31%	0.697%
75	22.786	3328	3332	3339	rVB	545085	770153	6.59%	1.387%
76	23.216	3402	3405	3411	rVB2	173766	246254	2.11%	0.443%

LSC Area Percent Report

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Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : O2037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

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-BP030723.M
Title : SVOA CALIBRATION

77	23.869	3510	3516	3526	rVB2	1396937	2804003	23.99%	5.050%
78	24.033	3538	3544	3558	rVB2	1362794	2877576	24.62%	5.182%

Sum of corrected areas: 55528509

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
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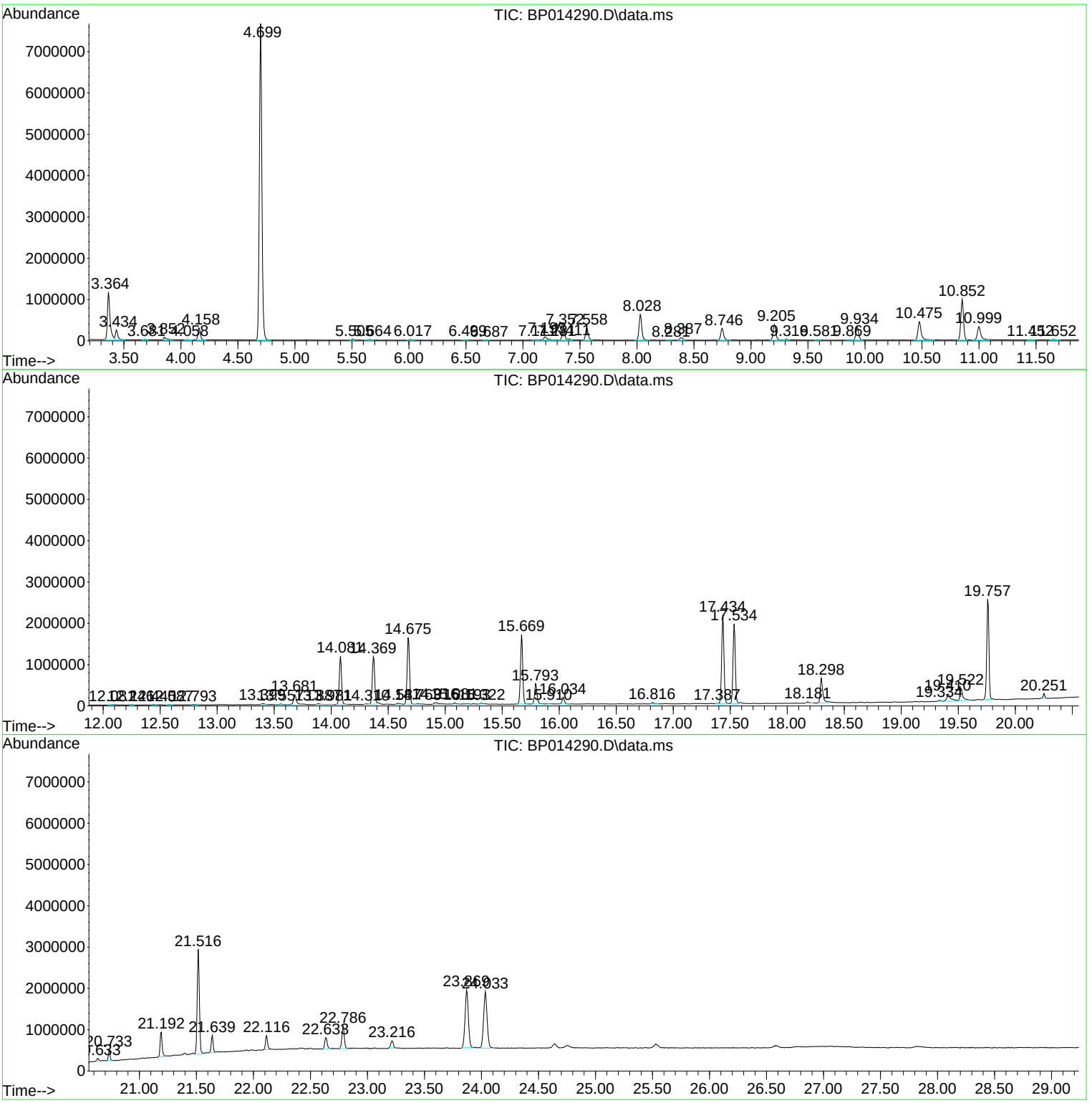
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

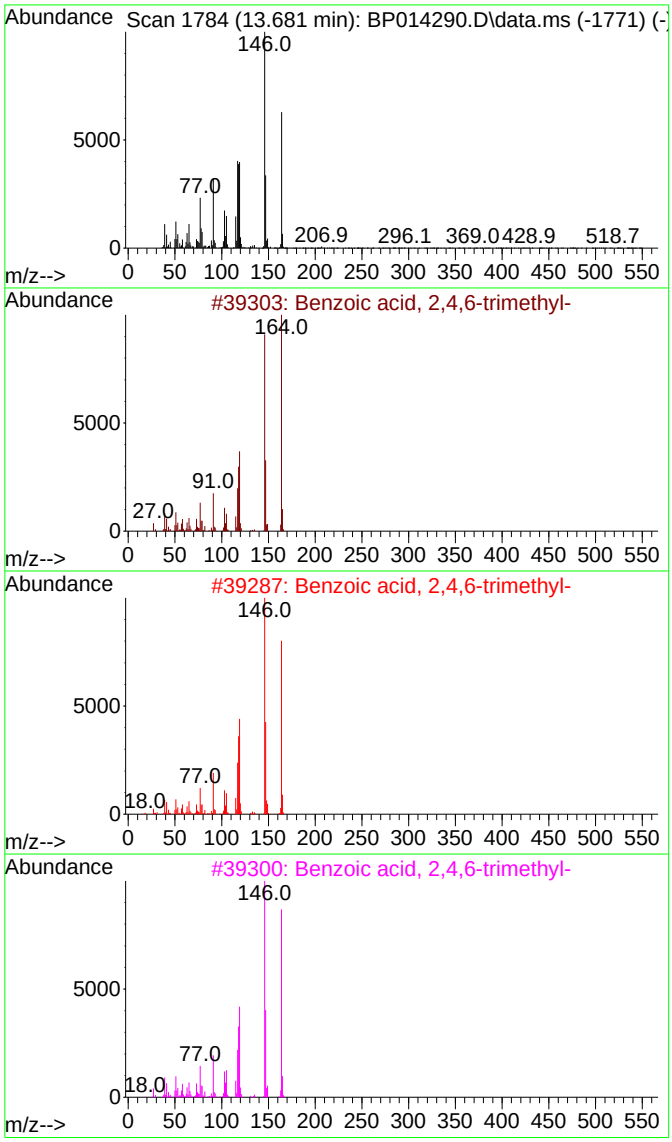
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

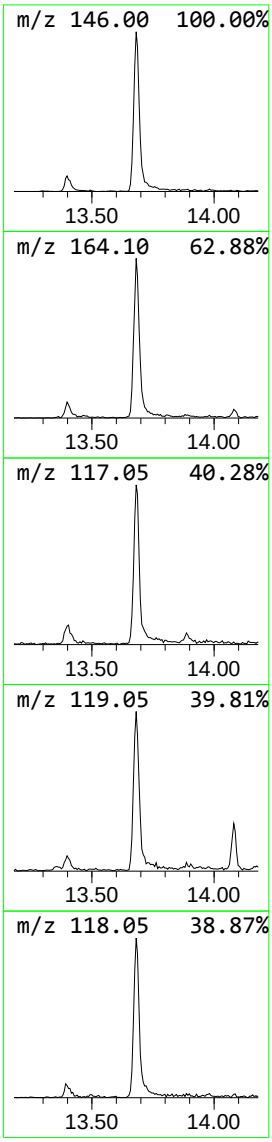
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.681	3.77 ng/ul	450529	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	90
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	72
3	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	64
4	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	47
5	4-Pteridinecarboxylic acid, 7-me...	218	C10H10N4O2	016008-52-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

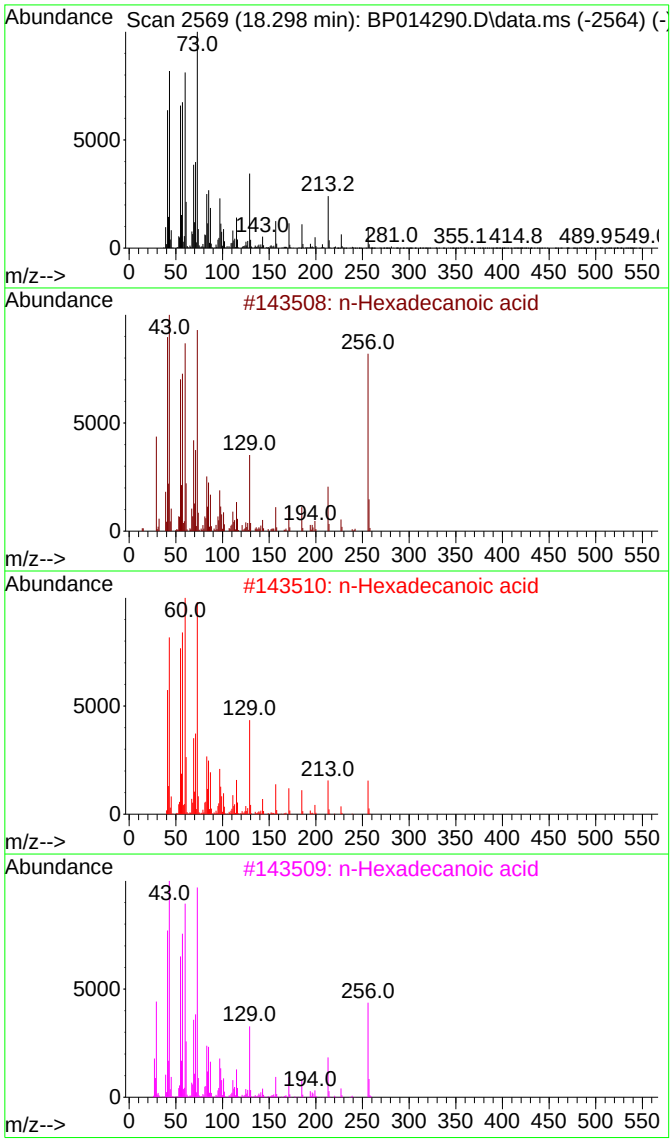
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

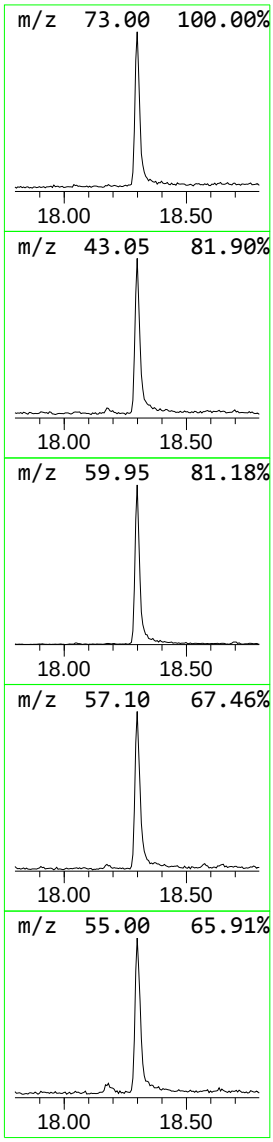
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	6.14 ng/ul	933567	Phenanthrene-d10	17.434

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

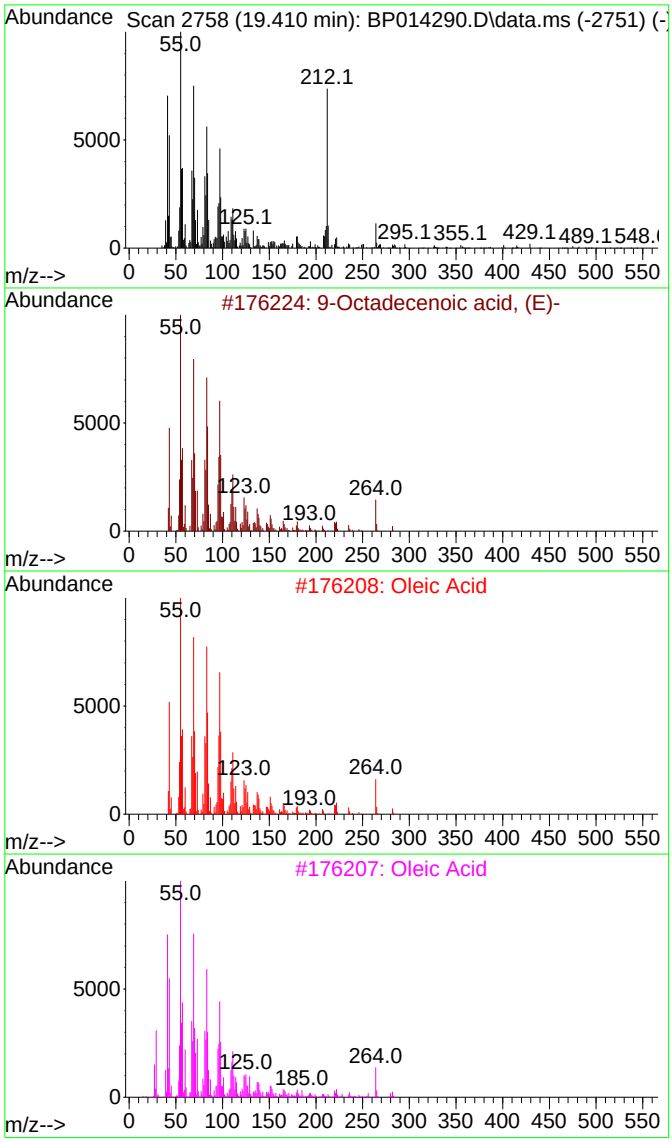
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

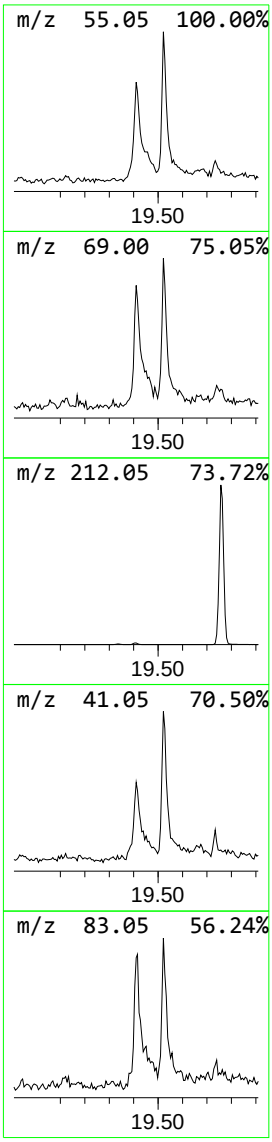
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9-Octadecenoic acid, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	3.04 ng/ul	462274	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96
2	Oleic Acid	282	C18H34O2	000112-80-1	96
3	Oleic Acid	282	C18H34O2	000112-80-1	89
4	9-Octadecenoic acid	282	C18H34O2	002027-47-6	76
5	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	58





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ClientSampleId :
E45E5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

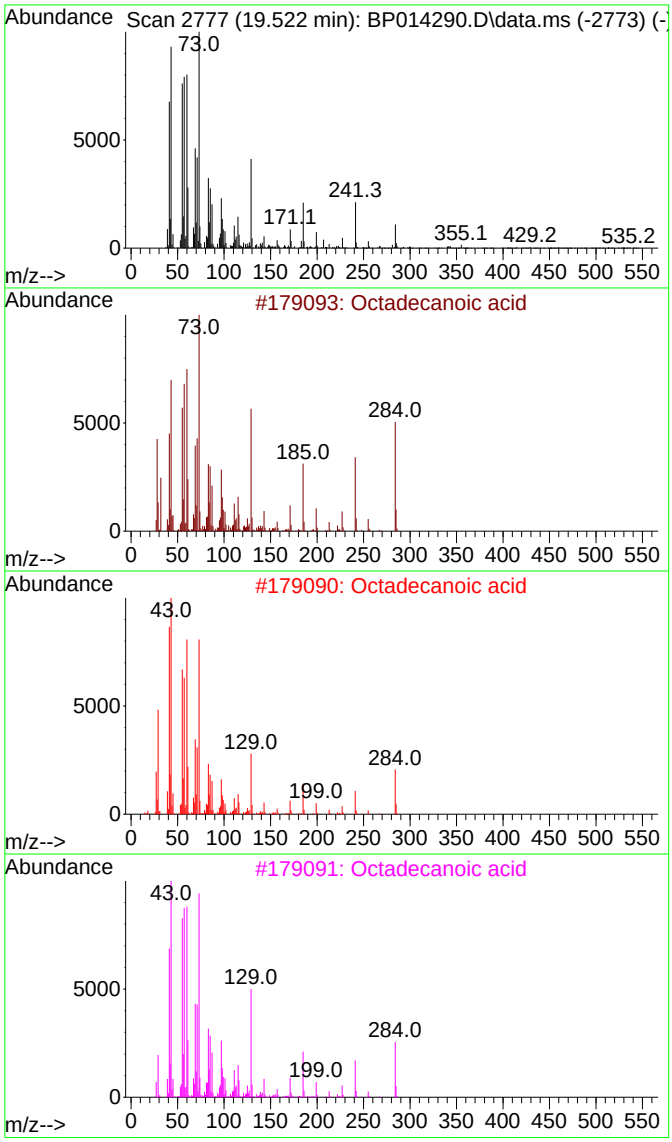
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

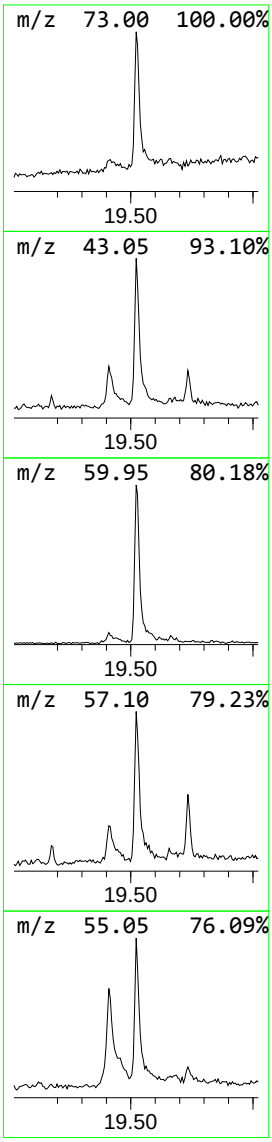
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.522	2.98 ng/ul	499309	Chrysene-d12	21.516

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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Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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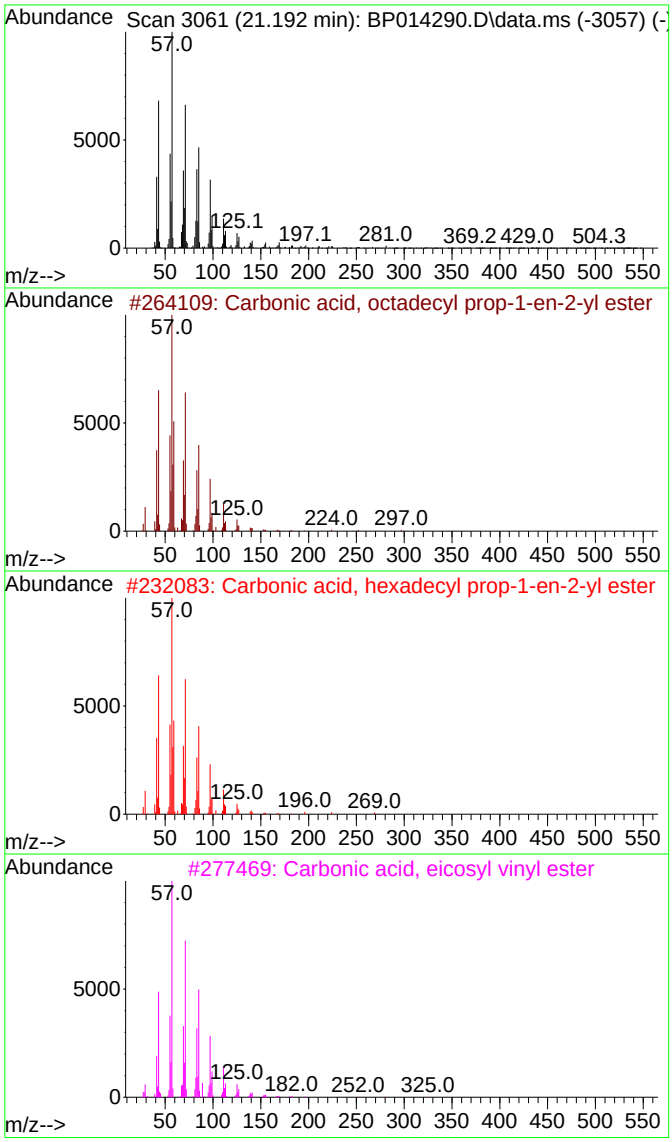
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

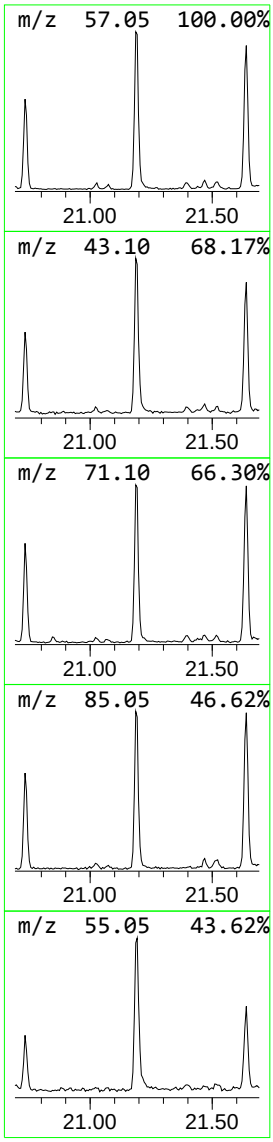
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Carbonic acid, octadecyl pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	4.45 ng/ul	745193	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	76





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Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

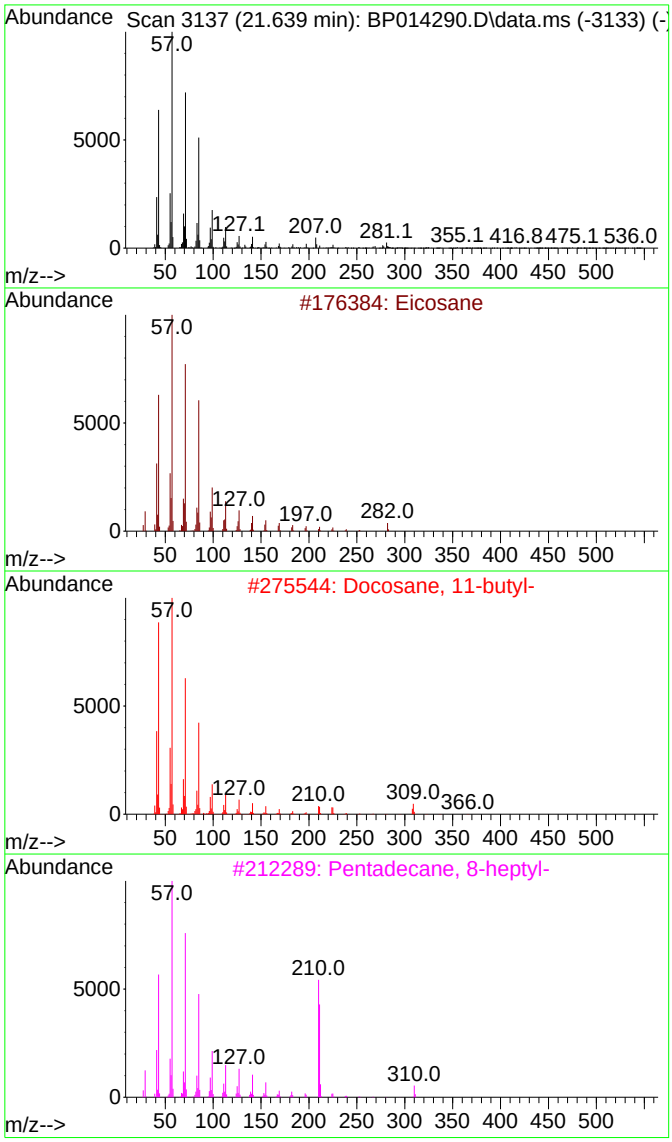
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

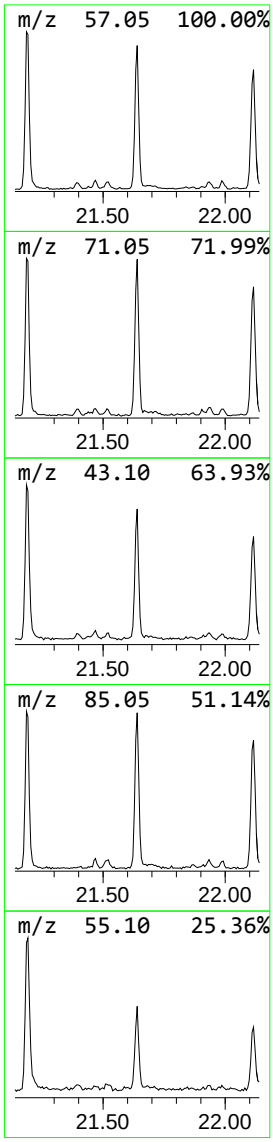
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.639	2.83 ng/ul	473915	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

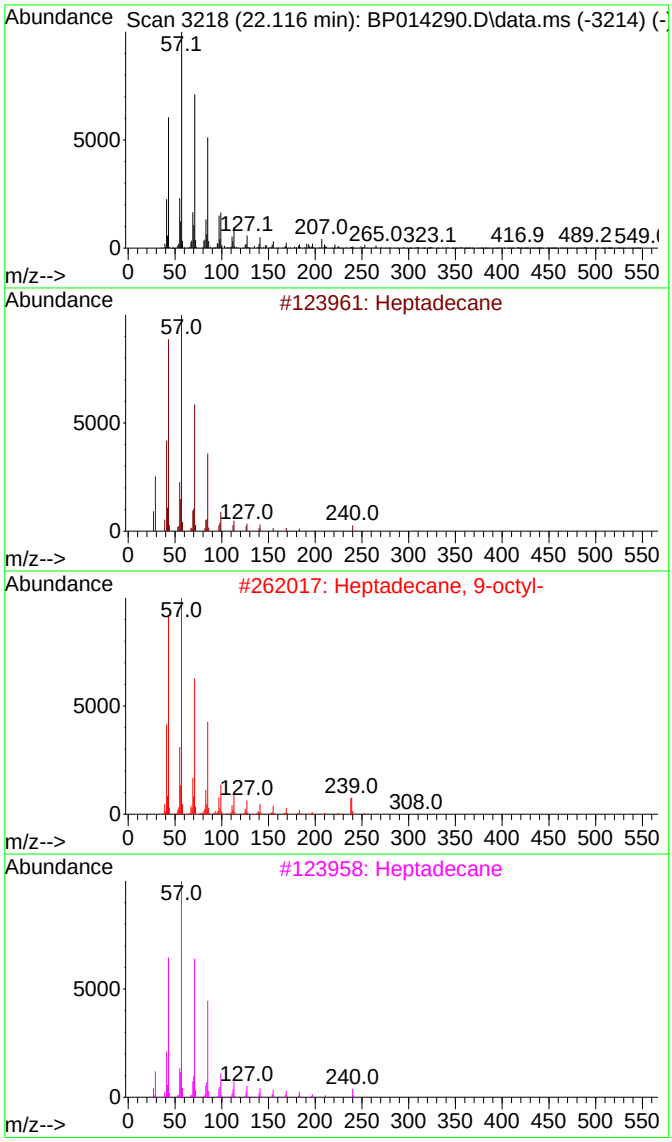
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

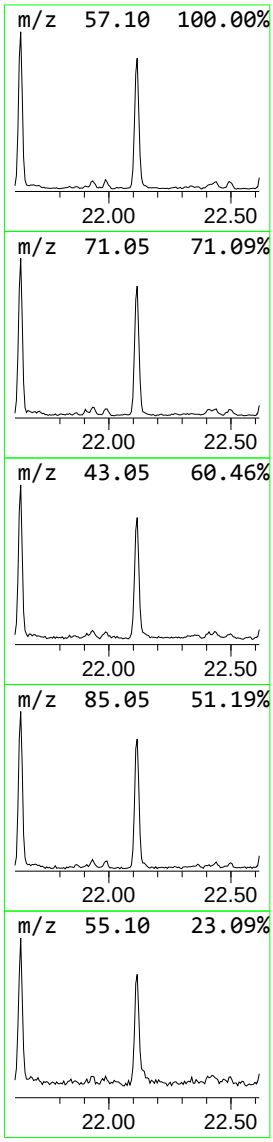
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.116	2.74 ng/ul	458975	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

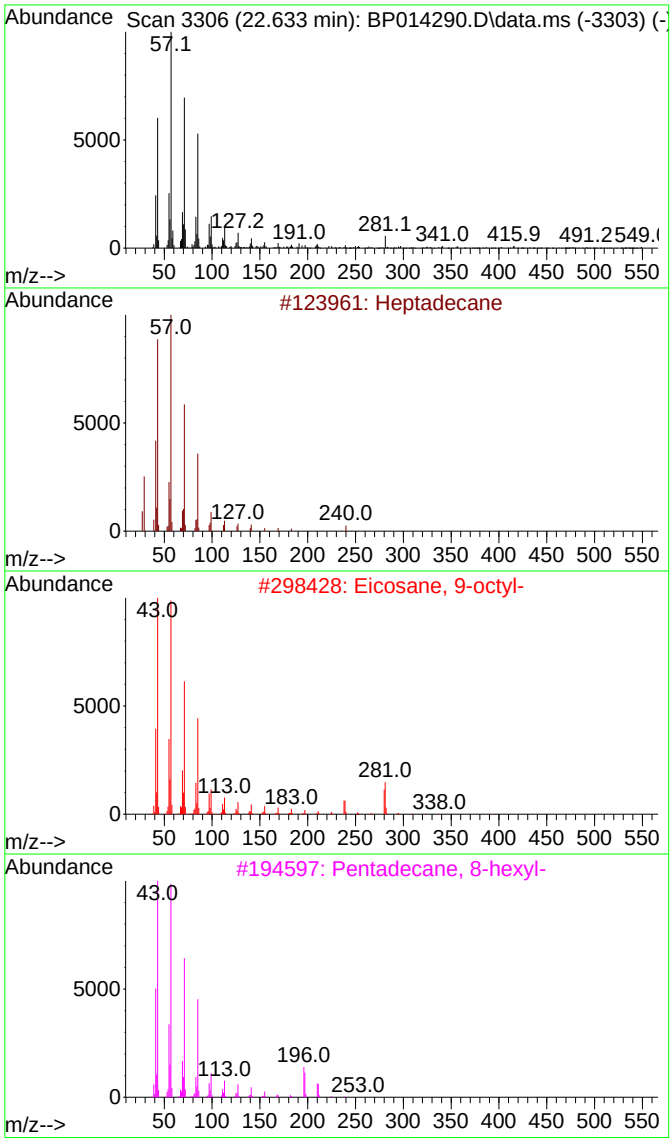
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

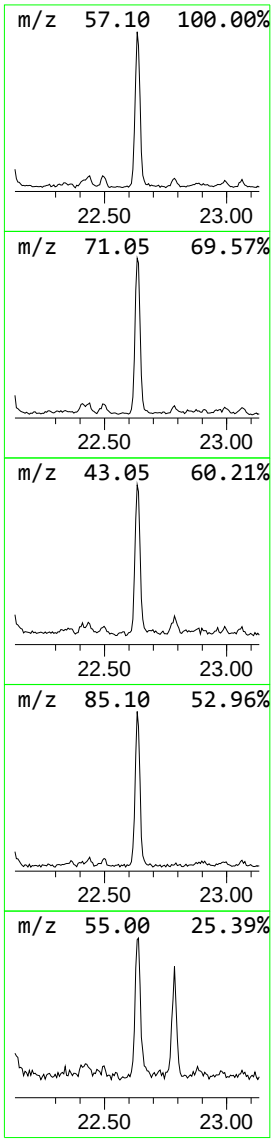
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.633	2.31 ng/ul	386964	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

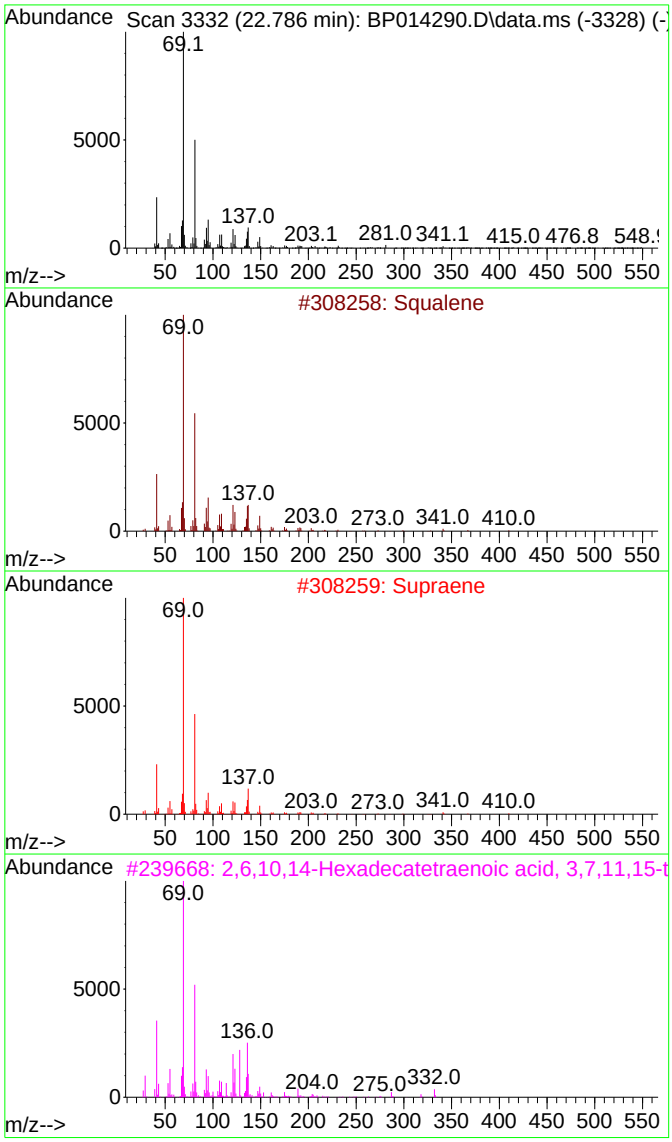
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

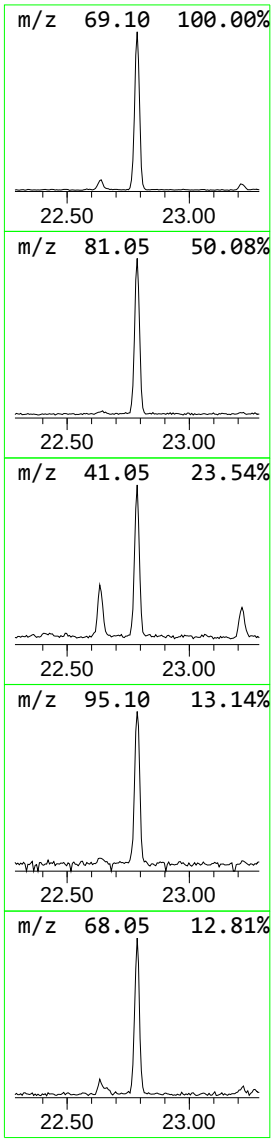
****

Peak Number 12 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.786	5.35 ng/ul	770153	Perylene-d12	24.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	93
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014290.D
Acq On : 24 Mar 2023 14:19
Operator : CG/JU
Sample : 02037-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E45E5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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
Benzoic acid, 2...	13.681	3.8	ng/ul	450529	3	14.675	2388370	20.0
n-Hexadecanoic ...	18.298	6.1	ng/ul	933567	4	17.434	3041870	20.0
9-Octadecenoic ...	19.410	3.0	ng/ul	462274	4	17.434	3041870	20.0
Octadecanoic acid	19.522	3.0	ng/ul	499309	5	21.516	3349370	20.0
Carbonic acid, ...	21.192	4.5	ng/ul	745193	5	21.516	3349370	20.0
(DEL) Alkane: S...	21.639	2.8	ng/ul	473915	5	21.516	3349370	20.0
(DEL) Alkane: S...	22.116	2.7	ng/ul	458975	5	21.516	3349370	20.0
(DEL) Alkane: S...	22.633	2.3	ng/ul	386964	5	21.516	3349370	20.0
Squalene	22.786	5.3	ng/ul	770153	6	24.033	2877580	20.0