LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCGA6

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.370	27	31	41	rVB	89031	129890	1.98%	0.147%
2	3.817	104	107	120	rBV	771814	1303154	19.89%	1.475%
3	3.917	121	124	132	rVV	99304	156943	2.40%	0.178%
4	3.987	134	136	139	rVV3	14942	20453	0.31%	0.023%
5	4.034	139	144	149	rVB	63225	96734	1.48%	0.109%
6	4.134	158	161	165	rVB2	16676	21578	0.33%	0.024%
7	4.381	200	203	210	rVB3	15968	22044	0.34%	0.025%
8	4.711	258	259	264	rVB5	8102	9100	0.14%	0.010%
9	4.958	298	301	307	rVB5	9830	11796	0.18%	0.013%
10	5.081	319	322	329	rVB	12730	17868	0.27%	0.020%
11	5.234	344	348	351	rBV6	4640	6820	0.10%	0.008%
12	6.681	589	594	600	rVB2	44586	68735	1.05%	0.078%
13	7.228	679	687	704	rBV	881904	2200010	33.58%	2.490%
14	7.369	704	711	732	rVB	968805	1838991	28.07%	2.082%
15	7.575	739	746	767	rBV	1247579	2323560	35.47%	2.630%
16	8.040	817	825	839	rBV	1093229	2036856	31.09%	2.306%
17	8.246	854	860	867	rVB10	10003	22170	0.34%	0.025%
18	8.787	944	952	969	rBV	933428	2322452	35.45%	2.629%
19	9.234	1018	1028	1046	rBV	1131158	2320813	35.42%	2.627%
20	9.569	1082	1085	1088	rVB5	7919	9772	0.15%	0.011%
21	9.963	1143	1152	1173	rBV	805297	1982450	30.26%	2.244%
22	10.534	1241	1249	1289	rBV	828217	2870928	43.82%	3.250%
23	10.869	1298	1306	1323	rBV	1578963	3060331	46.71%	3.464%
24	11.040	1327	1335	1364	rBV	681061	2329218	35.55%	2.636%
25	11.851	1469	1473	1478	rBV7	5001	7873	0.12%	0.009%
26	12.063	1503	1509	1516	rVB7	8246	19624	0.30%	0.022%
27	12.493	1575	1582	1590	rVB3	19834	43240	0.66%	0.049%
28	12.563	1590	1594	1599	rBV7	5002	8019	0.12%	0.009%
29	12.769	1624	1629	1636	rBV8	8407	12233	0.19%	0.014%
30	13.034	1669	1674	1676	rBV6	12304	19183	0.29%	0.022%
31	13.198	1698	1702	1706	rBV7	5851	8598	0.13%	0.010%
32	13.410	1734	1738	1742	rBV7	4693	7638	0.12%	0.009%
33	13.487	1747	1751	1756	rBV6	9988	14824	0.23%	0.017%
34	13.569	1756	1765	1774	rBV4	67064	148103	2.26%	0.168%
35	13.669	1777	1782	1785	rBV7	5241	8768	0.13%	0.010%
36	13.793	1800	1803	1809	rVB8	3685	7094	0.11%	0.008%

LSC Area Percent Report

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Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCGA6

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	13.987	1831	1836	1843	rVV	149777	228207	3.48%	0.258%
38	14.104	1848	1856	1870	rBV	2524734	4251246	64.89%	4.812%
39	14.387	1897	1904	1919	rBV	3269509	5225985	79.77%	5.915%
40	14.557	1929	1933	1939	rVB5	19559	31094	0.47%	0.035%
41	14.628	1941	1945	1949	rBV7	8849	12460	0.19%	0.014%
42	14.692	1949	1956	1974	rBV	2475445	3914796	59.75%	4.431%
43	14.922	1991	1995	1997	rBV5	8339	9682	0.15%	0.011%
44	14.998	2002	2008	2024	rBV	262622	1046321	15.97%	1.184%
45	15.457	2082	2086	2091	rVB5	10549	15839	0.24%	0.018%
46	15.510	2091	2095	2100	rBV8	15831	23858	0.36%	0.027%
47	15.592	2100	2109	2116	rVB6	53109	101992	1.56%	0.115%
48	15.692	2118	2126	2143	rBV	3493281	6170534	94.18%	6.984%
49	15.869	2150	2156	2176	rBV	483718	1305551	19.93%	1.478%
50	16.063	2184	2189	2199	rBV	374298	579718	8.85%	0.656%
51	16.151	2201	2204	2210	rVB8	23519	41086	0.63%	0.047%
52	16.387	2239	2244	2250	rBV5	27809	55964	0.85%	0.063%
53	16.551	2267	2272	2276	rBV8	13248	26131	0.40%	0.030%
54	16.986	2341	2346	2352	rBV4	34262	56581	0.86%	0.064%
55	17.163	2373	2376	2380	rBV3	25750	39588	0.60%	0.045%
56	17.328	2401	2404	2409	rBV6	29854	46361	0.71%	0.052%
57	17.457	2419	2426	2431	rBV	2644812	4030197	61.51%	4.562%
58	17.498	2431	2433	2437	rVV	261532	340402	5.20%	0.385%
59	17.557	2437	2443	2466	rVB2	2890403	5329538	81.35%	6.032%
60	18.251	2557	2561	2565	rBV2	93375	135079	2.06%	0.153%
61	18.310	2566	2571	2579	rBV	1092823	1565107	23.89%	1.772%
62	18.704	2632	2638	2649	rVB4	63206	160810	2.45%	0.182%
63	19.433	2759	2762	2764	rBV	164129	221372	3.38%	0.251%
64	19.463	2764	2767	2775	rVB	508548	686114	10.47%	0.777%
65	19.533	2775	2779	2787	rBV	339517	540282	8.25%	0.612%
66	19.663	2798	2801	2805	rBV	228877	258673	3.95%	0.293%
67	19.786	2816	2822	2833	rBV	4063201	6551646	100.00%	7.416%
68	21.069	3037	3040	3047	rBV	908789	1180871	18.02%	1.337%
69	21.192	3059	3061	3063	rBV	200318	175887	2.68%	0.199%
70	21.227	3063	3067	3072	rVB	539403	741027	11.31%	0.839%
71	21.404	3094	3097	3102	rVB	626030	695516	10.62%	0.787%
72	21.545	3116	3121	3127	rBV	2131523	3499458	53.41%	3.961%
73	23.210	3400	3404	3413	rVB	1325167	2270368	34.65%	2.570%
74	23.921	3520	3525	3545	rVB2	2204530	5339472	81.50%	6.044%
75	24.086	3548	3553	3566	rVB	1320310	3075342	46.94%	3.481%
76	24.639	3642	3647	3656	rVB	1349763	2879627	43.95%	3.259%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

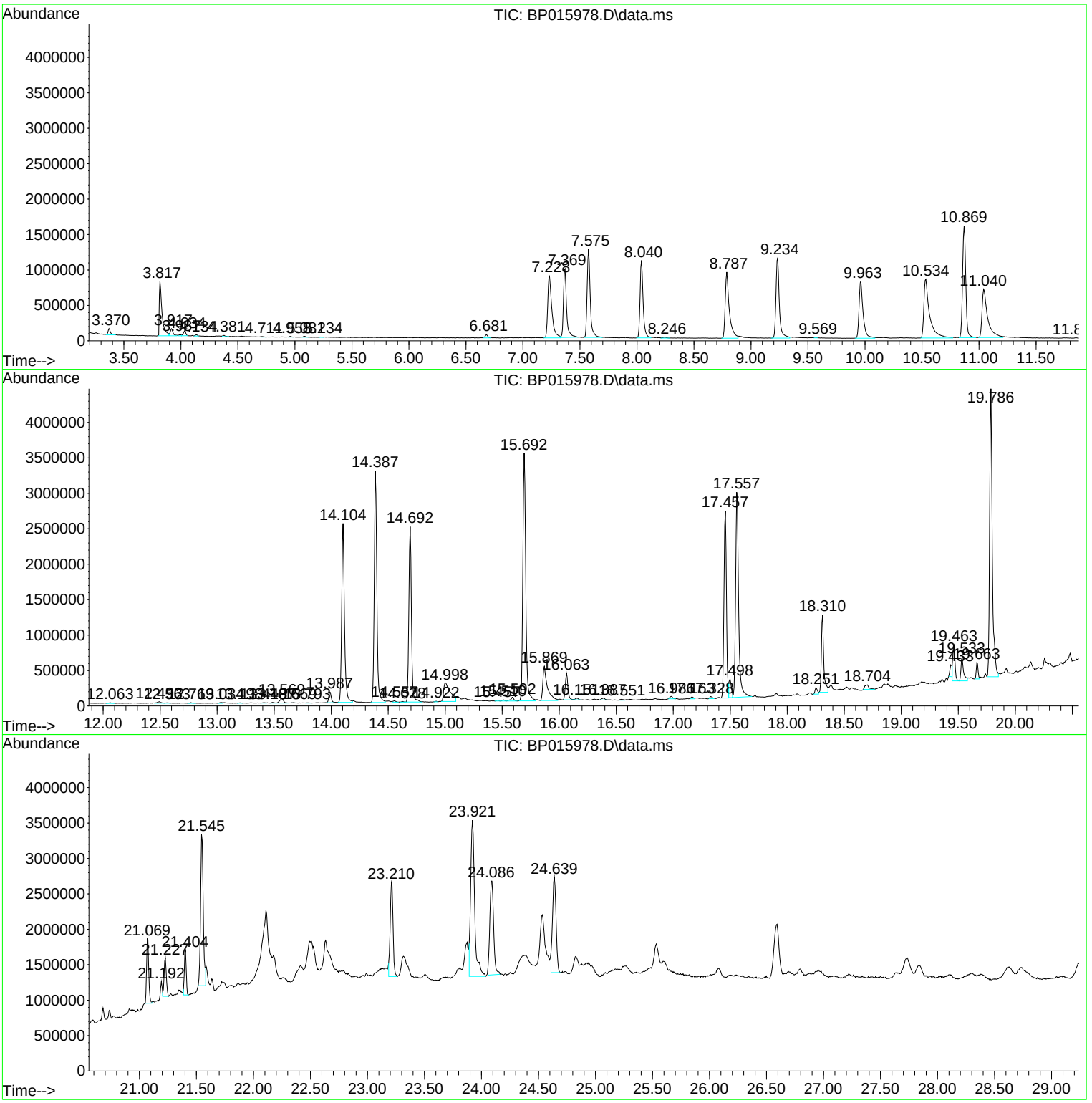
Sum of corrected areas: 88347645

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

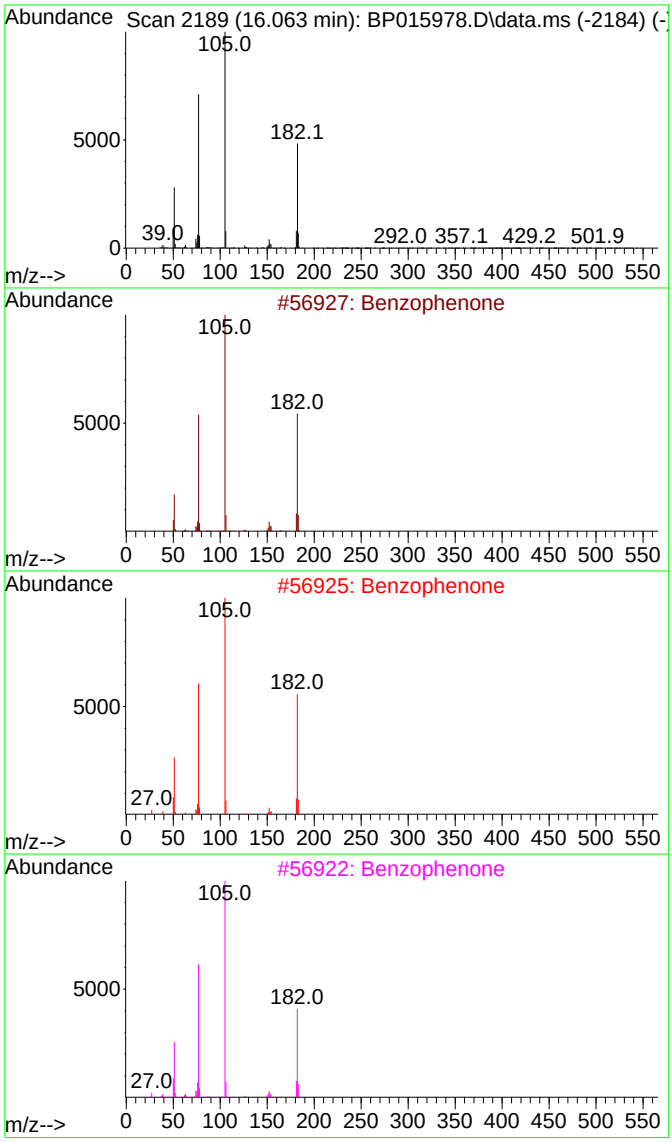
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

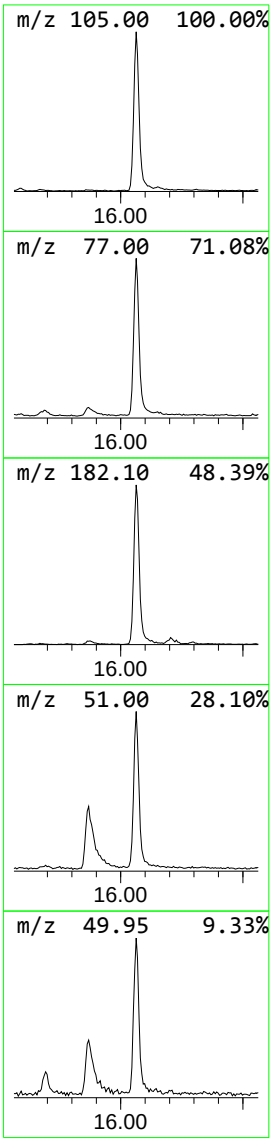
****

Peak Number 1 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	2.96 ng/ul	579718	Acenaphthene-d10	14.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

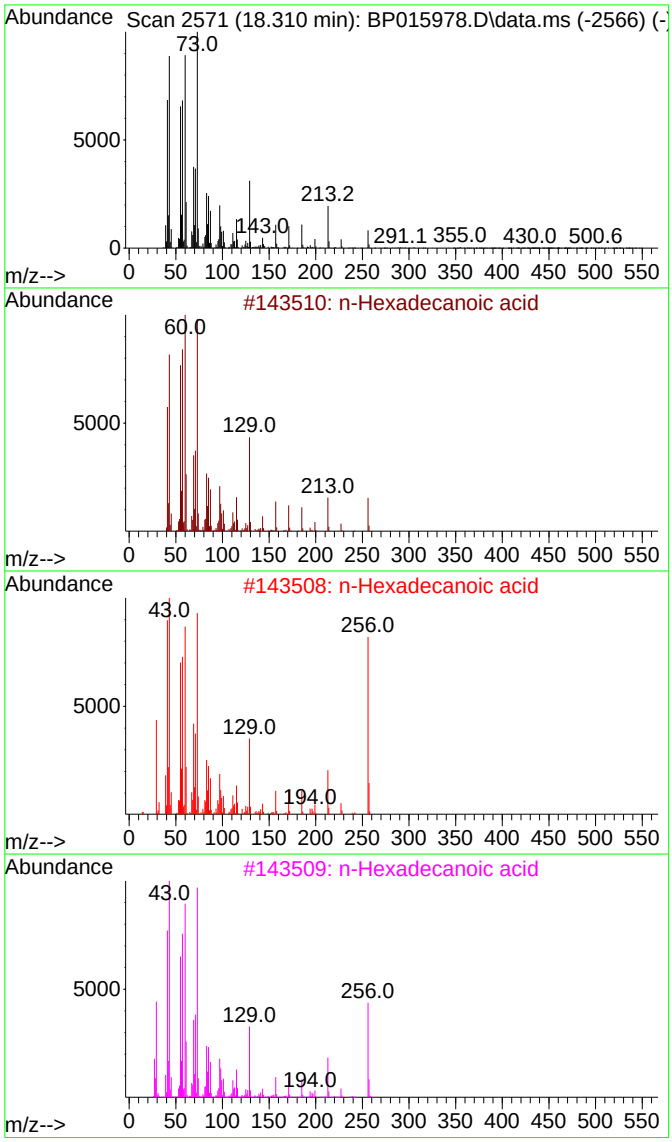
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

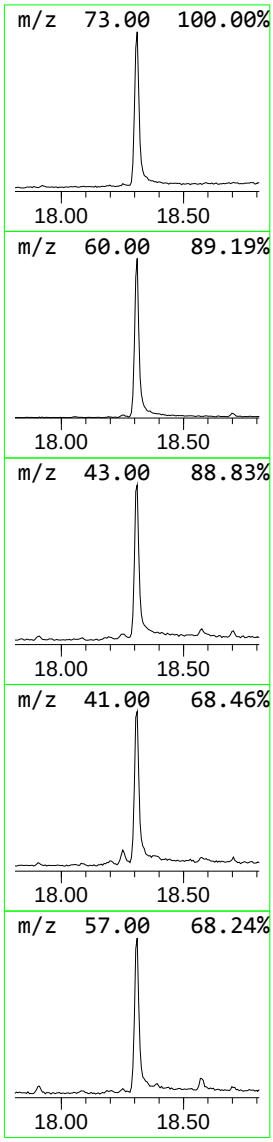
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	7.77 ng/ul	1565110	Phenanthrene-d10	17.457

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

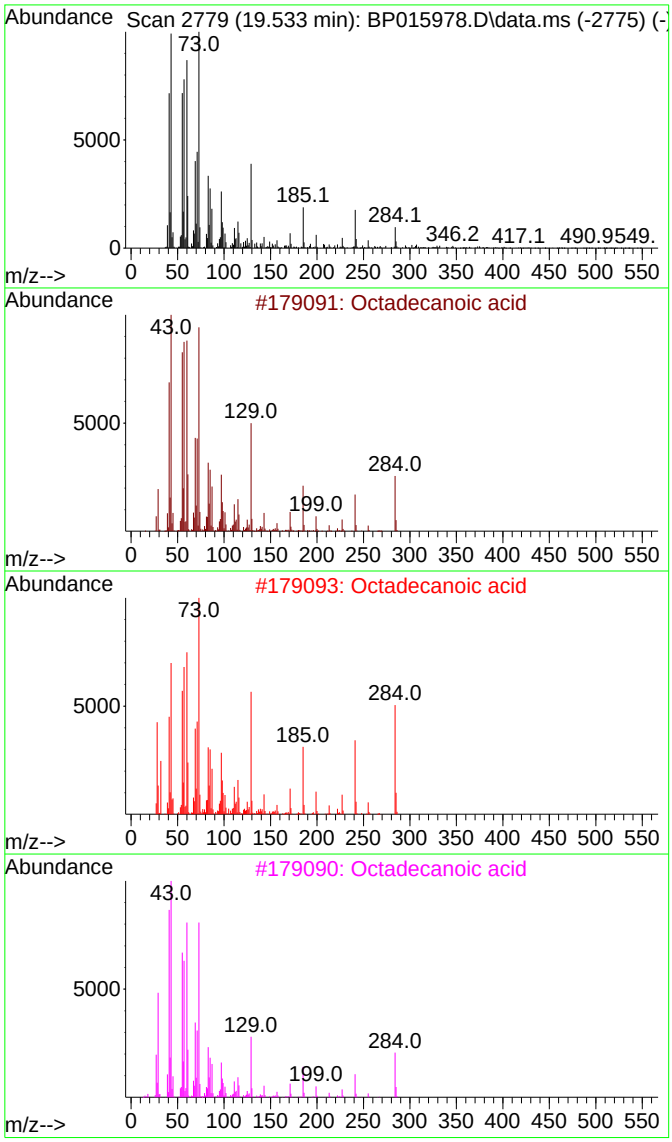
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

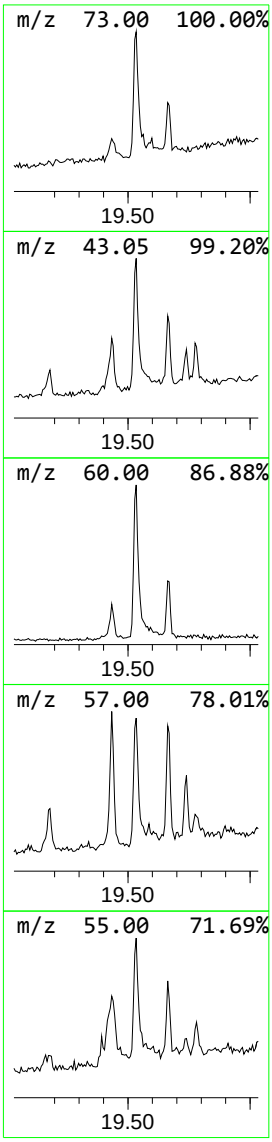
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	3.09 ng/ul	540282	Chrysene-d12	21.545

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	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

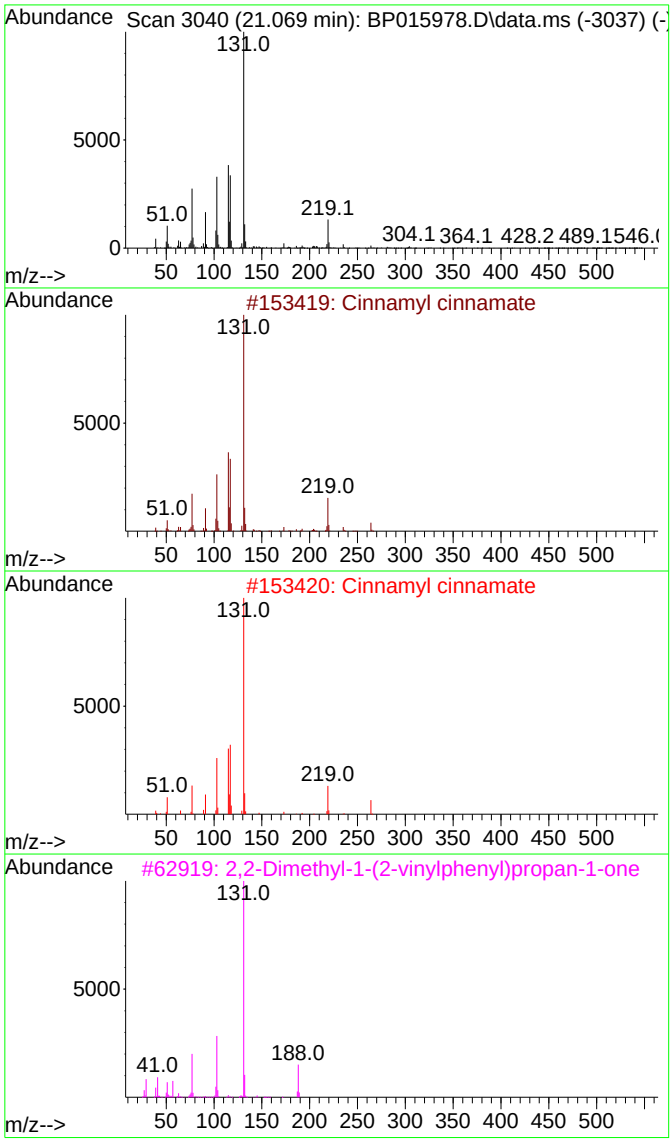
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

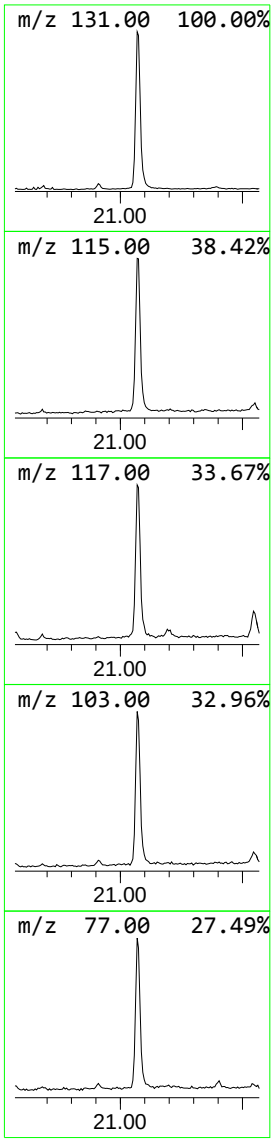
****

Peak Number 4 Cinnamyl cinnamate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.069	6.75 ng/ul	1180870	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
4	3-phenylprop-2-enoic anhydride	278	C18H14O3	1010401-87-5	47
5	(E)-4-Bromo-4-methyl-1-phenylpen...	252	C12H13BrO	1000443-02-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

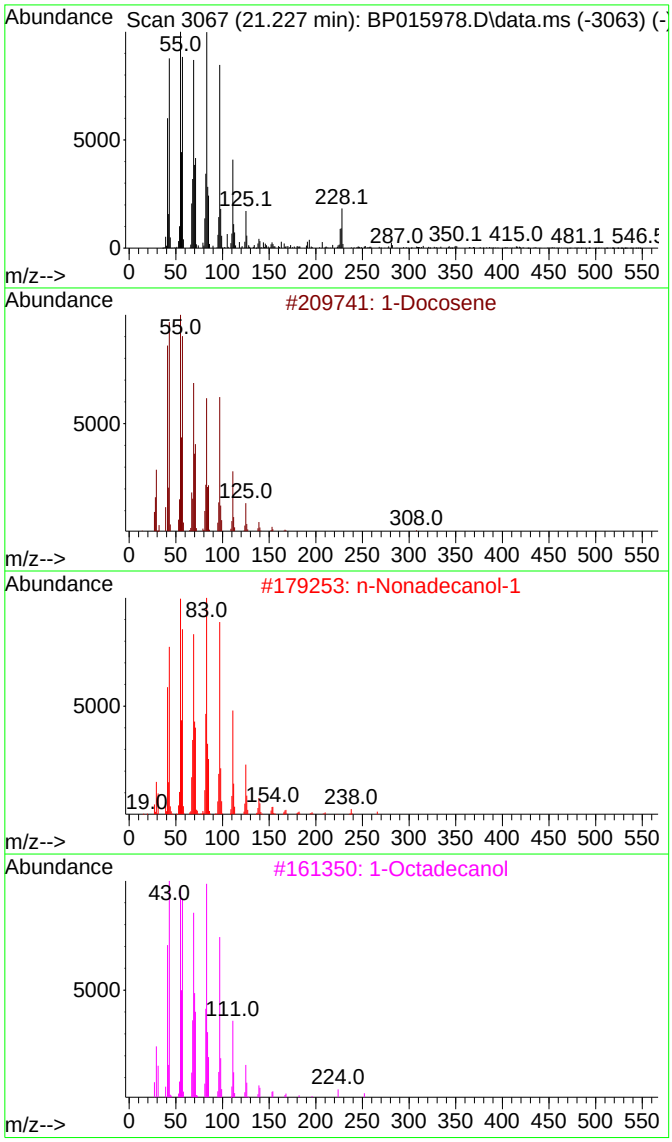
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

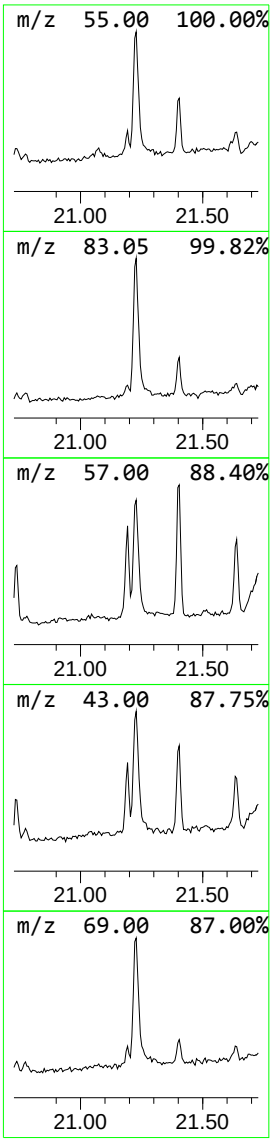
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	4.24 ng/ul	741027	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	1-Octadecanol	270	C18H38O	000112-92-5	94
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	1-Hexadecanol	242	C16H34O	036653-82-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

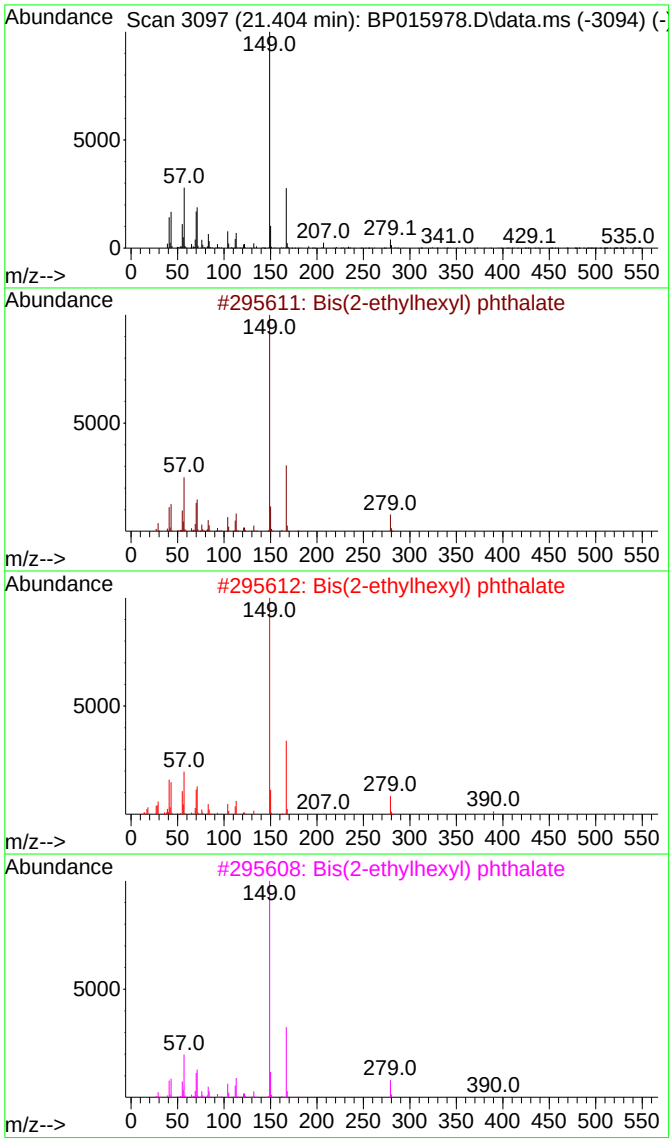
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

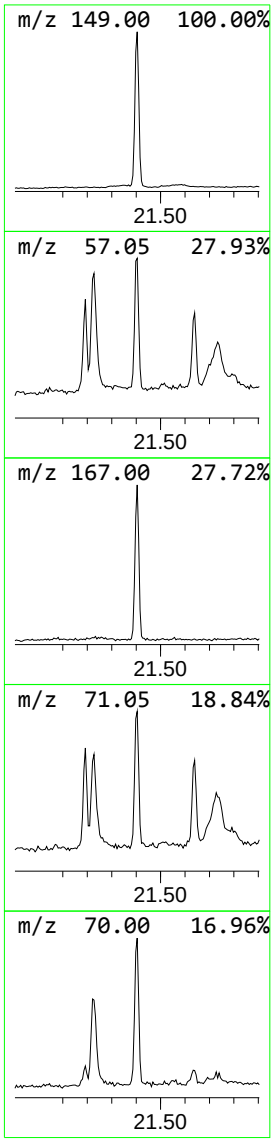
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bis(2-ethylhexyl) phthalate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.404	3.97 ng/ul	695516	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
4	Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	78
5	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

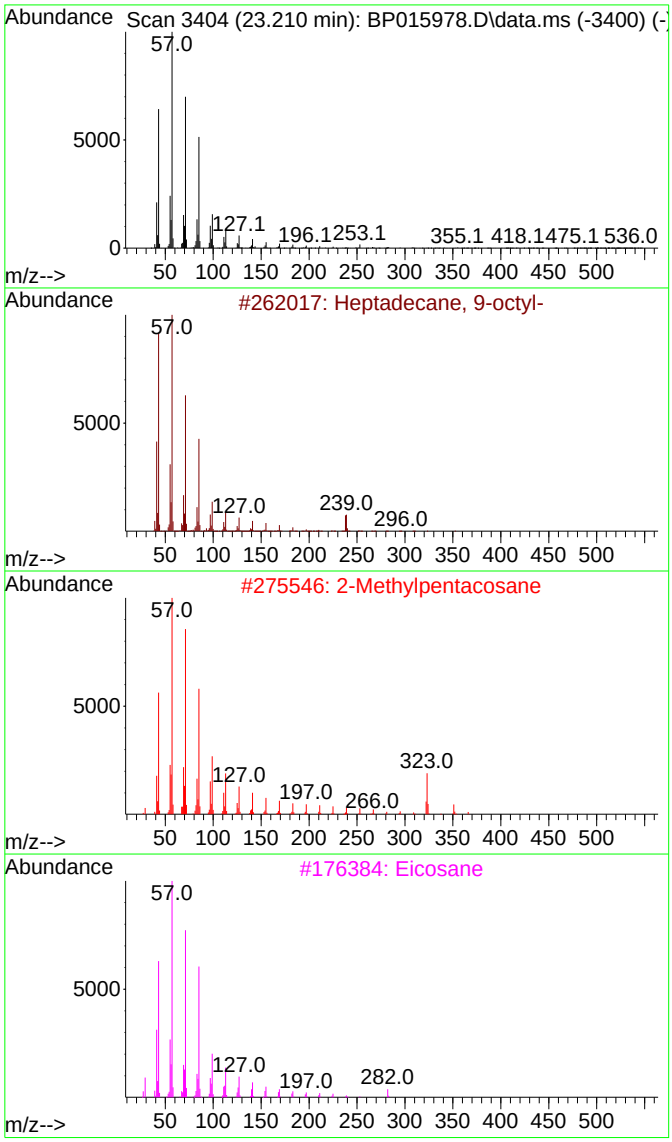
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

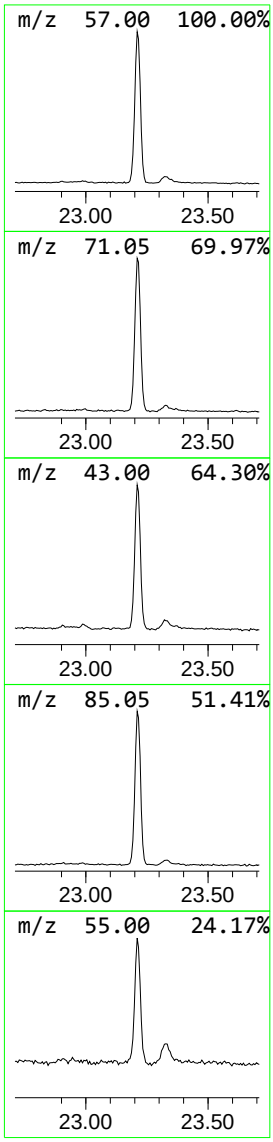
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.210	14.77 ng/ul	2270370	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	2-Methylpentacosane	366	C26H54	000629-87-8	95
3	Eicosane	282	C20H42	000112-95-8	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

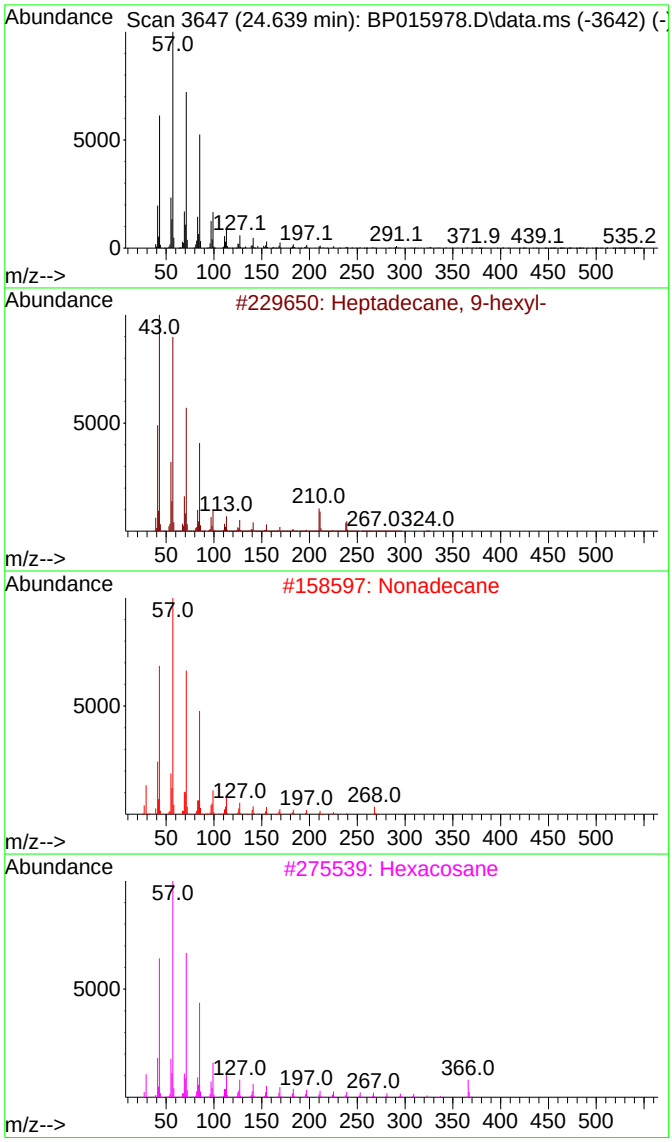
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

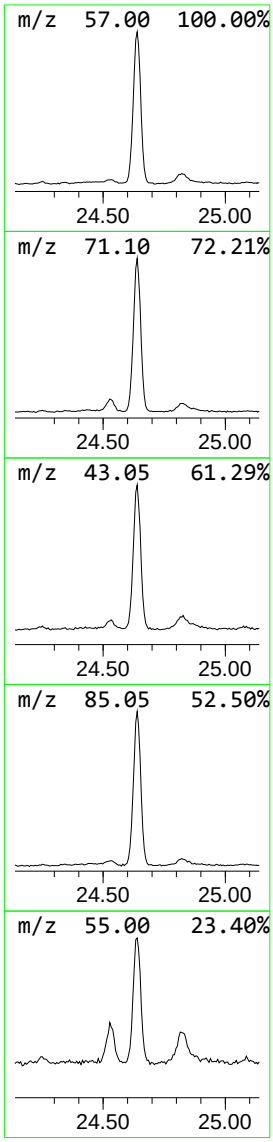
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.639	18.73 ng/ul	2879630	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexacosane	366	C26H54	000630-01-3	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
Operator : MA/JU
Sample : 03244-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGA6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.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
Benzophenone	16.063	3.0	ng/ul	579718	3	14.693	3914800	20.0
n-Hexadecanoic ...	18.310	7.8	ng/ul	1565110	4	17.457	4030200	20.0
Octadecanoic acid	19.533	3.1	ng/ul	540282	5	21.545	3499460	20.0
Cinnamyl cinnamate	21.069	6.8	ng/ul	1180870	5	21.545	3499460	20.0
(DEL) Alkane: S...	21.227	4.2	ng/ul	741027	5	21.545	3499460	20.0
Bis(2-ethylhexy...	21.404	4.0	ng/ul	695516	5	21.545	3499460	20.0
(DEL) Alkane: S...	23.210	14.8	ng/ul	2270370	6	24.092	3075340	20.0
(DEL) Alkane: S...	24.639	18.7	ng/ul	2879630	6	24.092	3075340	20.0