LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014639.D
Acq On : 10 Apr 2023 22:12
Operator : CG/JU
Sample : 02194-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BHDX2

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-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014639.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.328	19	24	28	rBV	277771	343923	11.37%	1.227%
2	3.664	78	81	92	rVB	15905	30247	1.00%	0.108%
3	3.817	105	107	116	rBV	39947	70449	2.33%	0.251%
4	4.011	135	140	147	rBV2	13249	18675	0.62%	0.067%
5	4.117	156	158	164	rVB3	8053	9162	0.30%	0.033%
6	4.228	171	177	182	rBV10	8523	13559	0.45%	0.048%
7	4.387	201	204	206	rBV3	2601	3291	0.11%	0.012%
8	4.493	220	222	226	rVB5	2246	3174	0.10%	0.011%
9	4.646	242	248	263	rBV	870350	1255742	41.51%	4.479%
10	4.922	289	295	297	rVB7	2057	3411	0.11%	0.012%
11	5.046	312	316	320	rBV2	7911	11508	0.38%	0.041%
12	6.358	532	539	543	rBV6	4659	9820	0.32%	0.035%
13	7.152	668	674	689	rBV	85811	210701	6.96%	0.752%
14	7.305	694	700	713	rVV	278320	454760	15.03%	1.622%
15	7.511	728	735	747	rBV	279962	502542	16.61%	1.793%
16	7.975	806	814	823	rBV	410355	672621	22.23%	2.399%
17	8.087	828	833	837	rVB8	2969	6807	0.23%	0.024%
18	8.705	931	938	954	rBV	191821	410894	13.58%	1.466%
19	9.157	1008	1015	1029	rBV	316938	601294	19.88%	2.145%
20	9.287	1031	1037	1055	rVV2	74791	199676	6.60%	0.712%
21	9.405	1055	1057	1063	rVB7	4148	7794	0.26%	0.028%
22	9.522	1073	1077	1083	rVB3	8769	13451	0.44%	0.048%
23	9.881	1129	1138	1149	rBV2	260947	488686	16.15%	1.743%
24	10.428	1225	1231	1253	rBV	274118	662970	21.91%	2.365%
25	10.793	1286	1293	1301	rBV	537198	925106	30.58%	3.300%
26	10.957	1313	1321	1335	rBV	106457	276557	9.14%	0.987%
27	12.193	1526	1531	1539	rBV9	6003	8832	0.29%	0.032%
28	12.334	1549	1555	1562	rBV5	8664	21343	0.71%	0.076%
29	12.398	1562	1566	1571	rVB8	7743	11930	0.39%	0.043%
30	12.534	1583	1589	1591	rBV7	4425	7200	0.24%	0.026%
31	12.822	1635	1638	1641	rBV4	2171	3561	0.12%	0.013%
32	13.140	1690	1692	1699	rBV8	2983	4624	0.15%	0.016%
33	13.428	1738	1741	1748	rVV4	7130	10962	0.36%	0.039%
34	13.610	1765	1772	1776	rVV9	3996	8392	0.28%	0.030%
35	13.645	1776	1778	1783	rVB5	1819	3114	0.10%	0.011%
36	13.963	1826	1832	1834	rBV7	2651	3854	0.13%	0.014%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014639.D
Acq On : 10 Apr 2023 22:12
Operator : CG/JU
Sample : 02194-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BHDX2

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-BP032823.M
Title : SVOA CALIBRATION

37	14.034	1837	1844	1858	rVV	742485	1146486	37.90%	4.090%
38	14.145	1859	1863	1865	rVB5	4801	6675	0.22%	0.024%
39	14.322	1886	1893	1911	rBV	848393	1293690	42.76%	4.615%
40	14.445	1911	1914	1916	rVB4	3731	4481	0.15%	0.016%
41	14.504	1919	1924	1929	rVB8	4798	10106	0.33%	0.036%
42	14.628	1938	1945	1955	rBV	814231	1189334	39.31%	4.243%
43	14.834	1976	1980	1982	rBV5	3368	4005	0.13%	0.014%
44	14.916	1988	1994	2002	rBV8	19023	67676	2.24%	0.241%
45	15.398	2073	2076	2082	rVB8	6517	10580	0.35%	0.038%
46	15.457	2082	2086	2090	rBV7	7786	10789	0.36%	0.038%
47	15.563	2101	2104	2106	rVB4	2999	3274	0.11%	0.012%
48	15.628	2108	2115	2132	rBV	1073976	1676518	55.42%	5.980%
49	15.763	2132	2138	2151	rVV	258629	464161	15.34%	1.656%
50	15.863	2151	2155	2162	rVB10	15386	33877	1.12%	0.121%
51	15.992	2173	2177	2189	rVB	133250	209411	6.92%	0.747%
52	16.322	2229	2233	2235	rBV4	15094	21895	0.72%	0.078%
53	16.786	2309	2312	2315	rBV5	5521	8905	0.29%	0.032%
54	16.898	2329	2331	2335	rBV5	5354	8322	0.28%	0.030%
55	17.122	2366	2369	2372	rVB2	15914	18457	0.61%	0.066%
56	17.175	2374	2378	2382	rVB7	13990	21887	0.72%	0.078%
57	17.392	2409	2415	2424	rBV	1037131	1434774	47.43%	5.118%
58	17.492	2426	2432	2447	rVV	1311351	1943638	64.25%	6.933%
59	17.857	2492	2494	2500	rVB3	22967	28784	0.95%	0.103%
60	18.257	2558	2562	2571	rBV	288840	464746	15.36%	1.658%
61	18.528	2606	2608	2615	rVB5	16693	26057	0.86%	0.093%
62	19.139	2709	2712	2714	rBV2	20302	21592	0.71%	0.077%
63	19.298	2736	2739	2743	rBV4	23715	31473	1.04%	0.112%
64	19.486	2768	2771	2778	rBV	156307	230650	7.62%	0.823%
65	19.722	2805	2811	2823	rBV	1897542	2497719	82.56%	8.910%
66	20.216	2892	2895	2898	rVB2	46718	50424	1.67%	0.180%
67	20.698	2975	2977	2980	rBV2	69889	69921	2.31%	0.249%
68	21.163	3052	3056	3068	rBV3	284294	546426	18.06%	1.949%
69	21.480	3105	3110	3121	rBV	1320492	1936514	64.01%	6.908%
70	21.598	3128	3130	3135	rVB2	90838	96752	3.20%	0.345%
71	22.592	3296	3299	3305	rVB2	117870	152693	5.05%	0.545%
72	23.816	3501	3507	3519	rVB2	1425897	3025244	100.00%	10.792%
73	23.980	3529	3535	3548	rVB	910715	1974961	65.28%	7.045%

Sum of corrected areas: 28033529

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Data File : BP014639.D
Acq On : 10 Apr 2023 22:12
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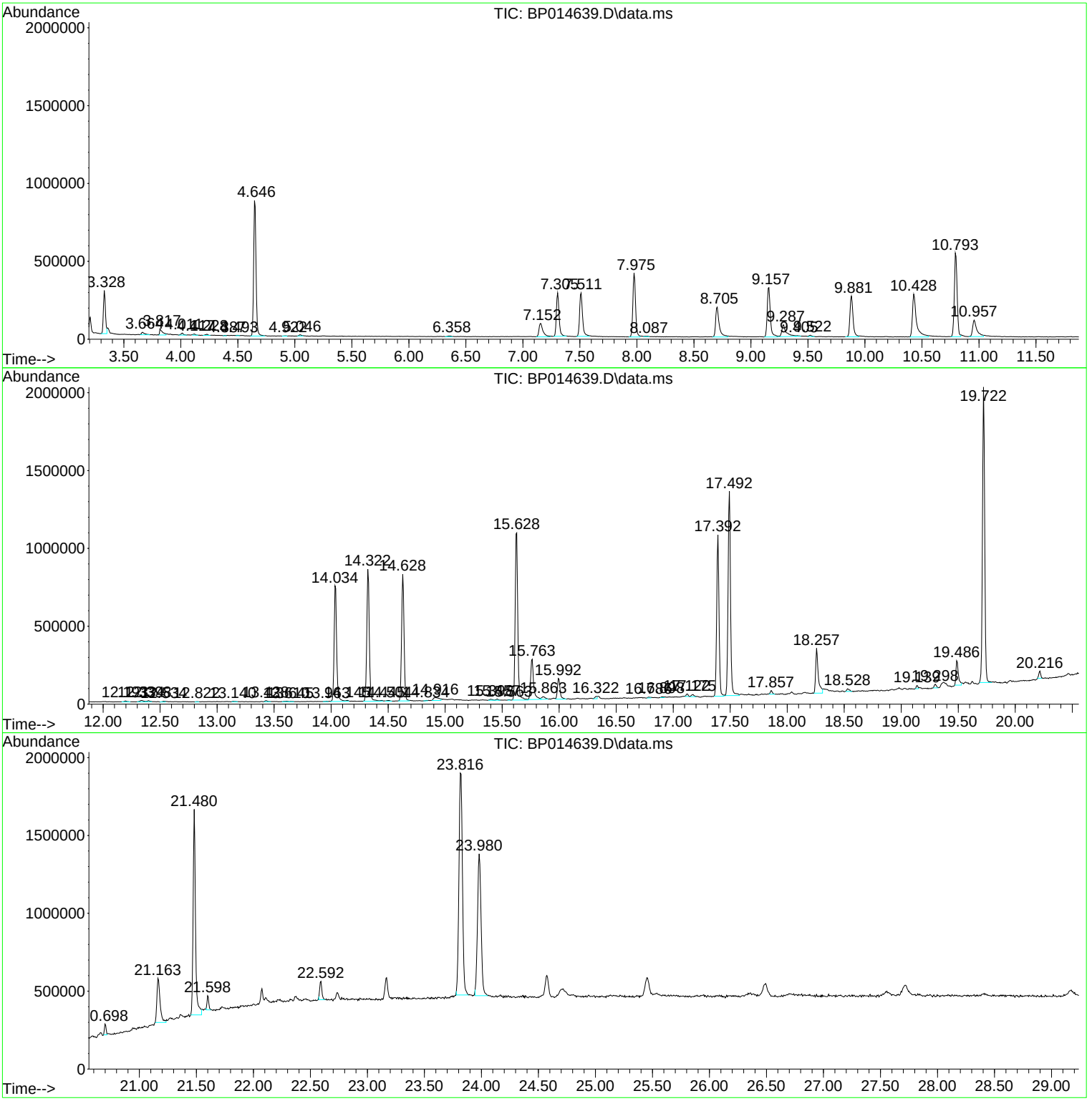
Sample : 02194-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHDX2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
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Acq On : 10 Apr 2023 22:12
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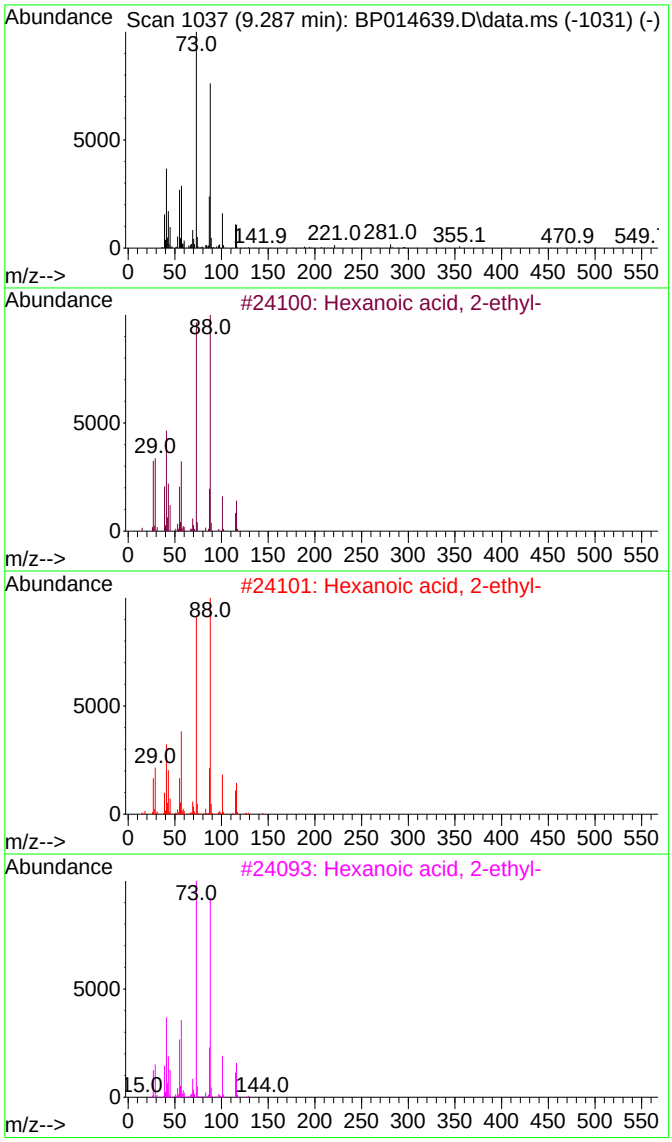
Quant Title : SVOA CALIBRATION

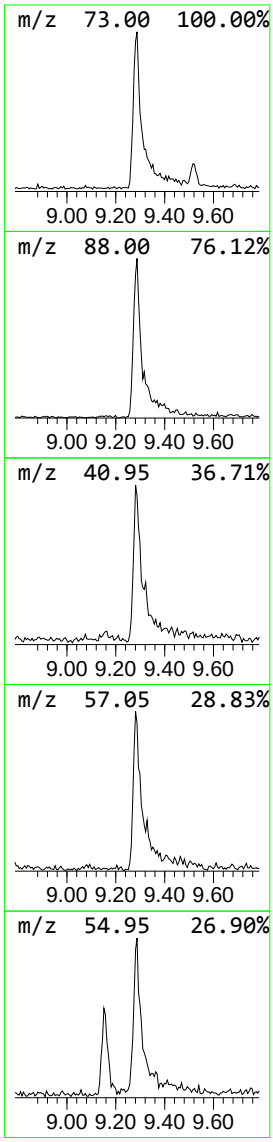
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	5.94 ng/ul	199676	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014639.D
Acq On : 10 Apr 2023 22:12
Operator : CG/JU
Sample : 02194-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHDX2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

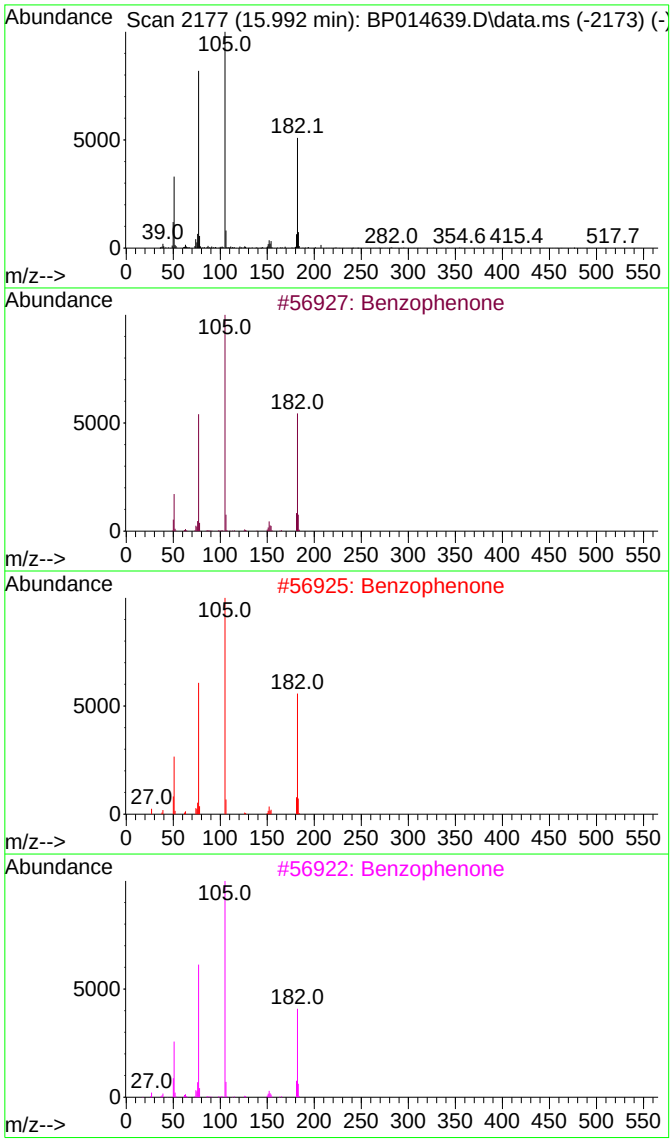
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

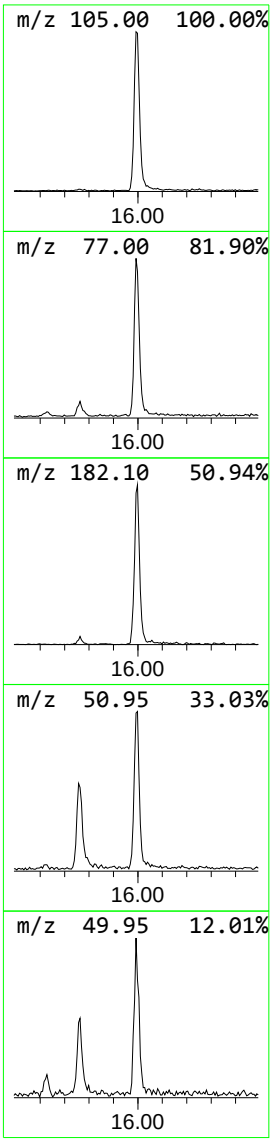
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	3.52 ng/ul	209411	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014639.D
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Operator : CG/JU
Sample : 02194-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHDX2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

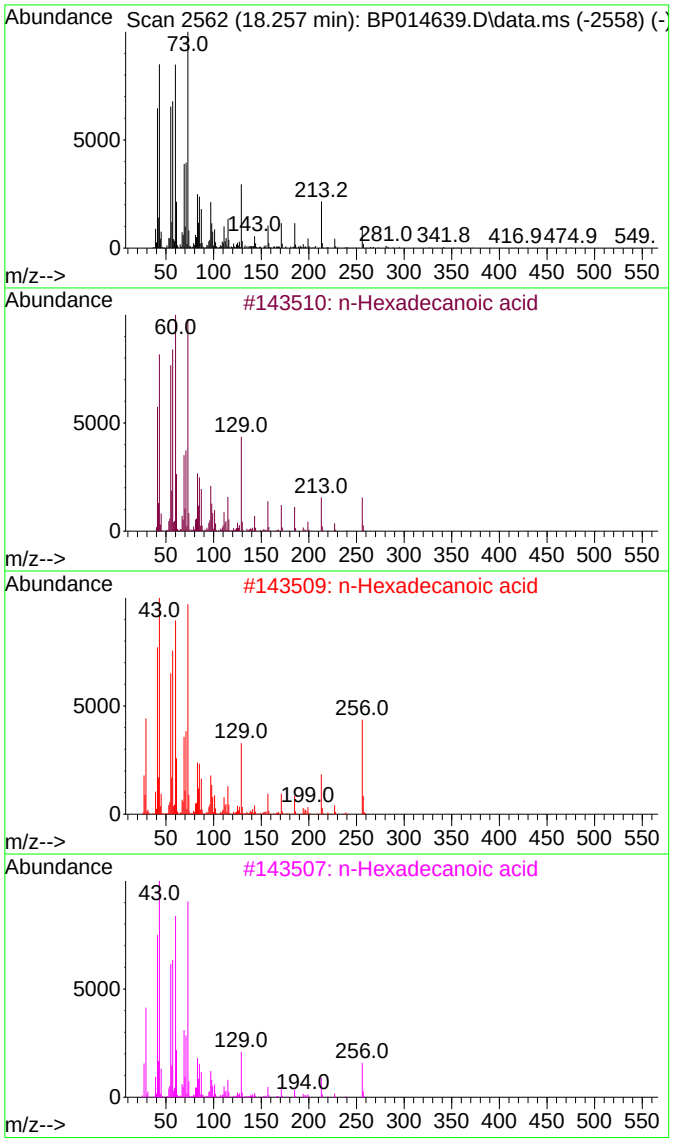
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

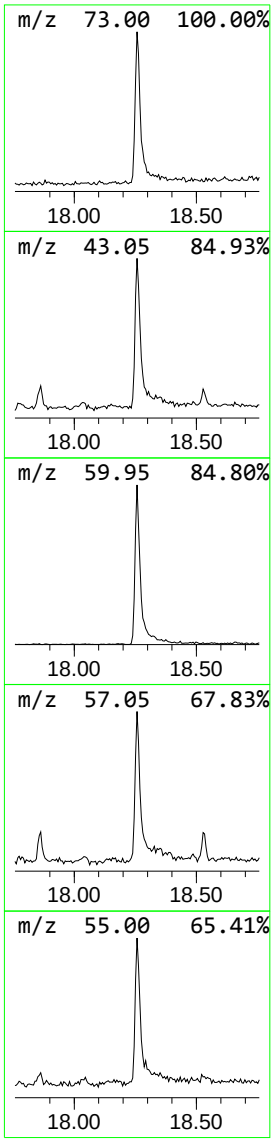
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	6.48 ng/ul	464746	Phenanthrene-d10	17.392

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	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014639.D
Acq On : 10 Apr 2023 22:12
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

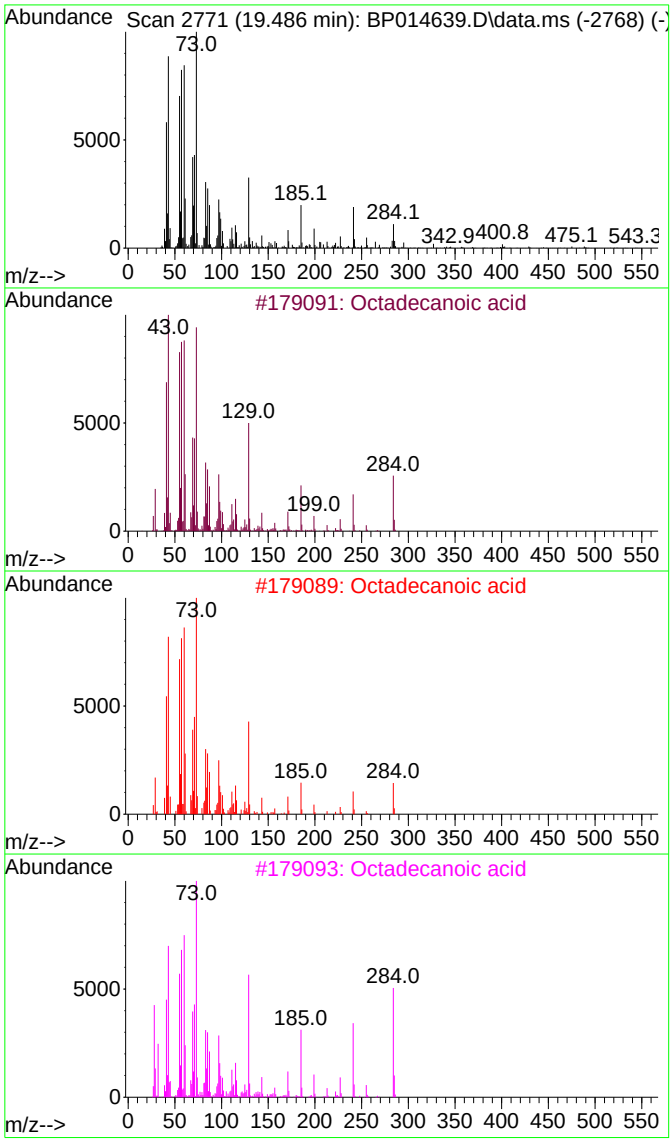
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

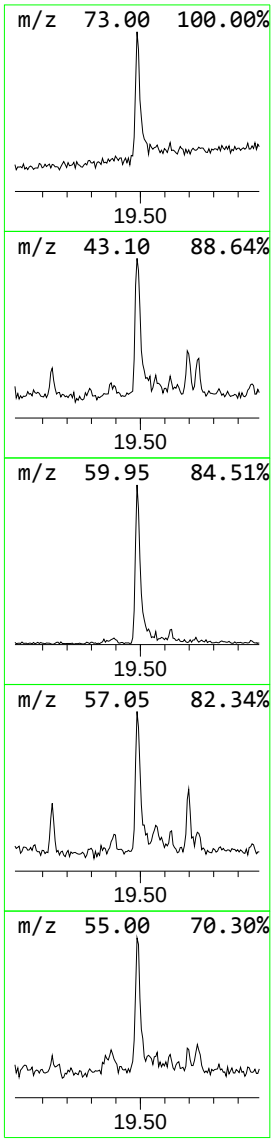
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.486	2.38 ng/ul	230650	Chrysene-d12	21.480

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





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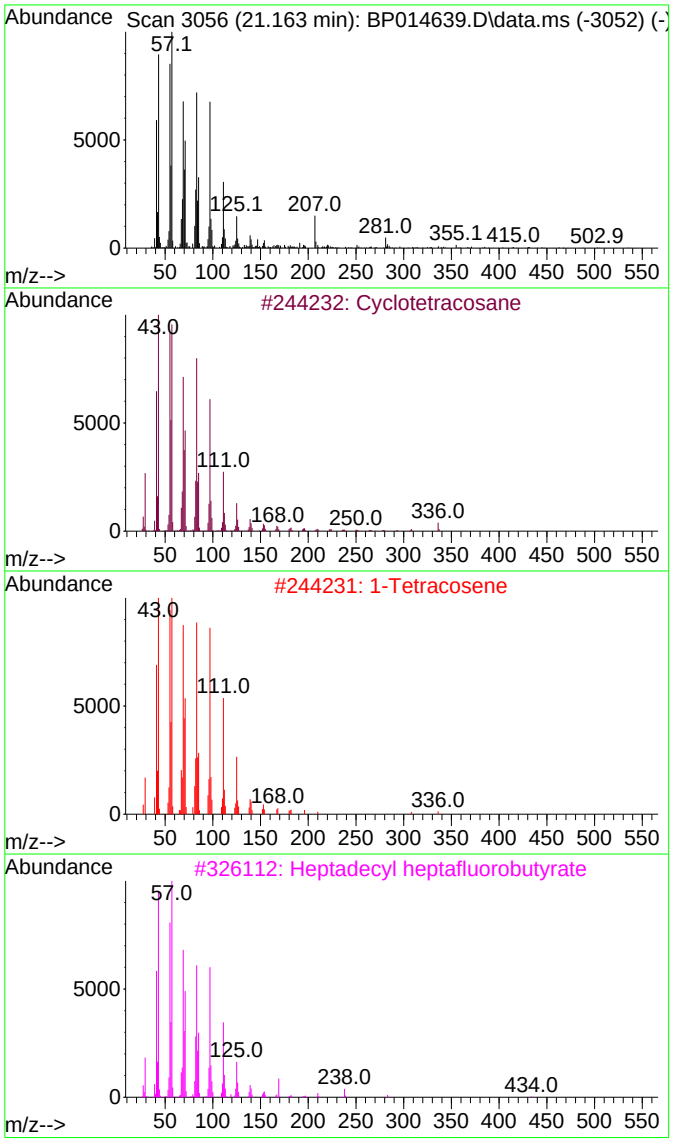
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

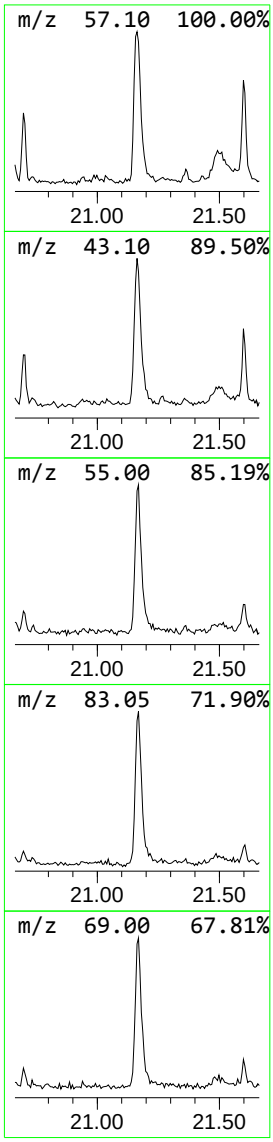
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.163 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	5.64 ng/ul	546426	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	1-Tetracosene	336	C24H48	010192-32-2	97
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	1-Tricosene	322	C23H46	018835-32-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014639.D
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.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
Hexanoic acid, ...	9.287	5.9	ng/ul	199676	1	7.975	672621	20.0
Benzophenone	15.992	3.5	ng/ul	209411	3	14.628	1189330	20.0
n-Hexadecanoic ...	18.257	6.5	ng/ul	464746	4	17.392	1434770	20.0
Octadecanoic acid	19.486	2.4	ng/ul	230650	5	21.480	1936510	20.0
(DEL) Alkane: C...	21.163	5.6	ng/ul	546426	5	21.480	1936510	20.0