LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020115.D
Acq On : 11 Jun 2022 00:34
Operator : CG/JU
Sample : N3250-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXYT2

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

Signal : TIC: BN020115.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	24	29	31	rBV	40980	58521	1.11%	0.135%
2	3.281	31	33	36	rVV	38902	48594	0.92%	0.112%
3	3.317	36	39	47	rVB	53544	76444	1.44%	0.176%
4	3.687	99	102	117	rBV	180780	304298	5.75%	0.703%
5	3.934	139	144	149	rVB	16775	27706	0.52%	0.064%
6	4.022	157	159	163	rBV3	6143	6173	0.12%	0.014%
7	4.122	172	176	181	rVB5	5302	7783	0.15%	0.018%
8	4.558	244	250	259	rVB	64284	111584	2.11%	0.258%
9	4.934	310	314	318	rBV3	7010	11691	0.22%	0.027%
10	6.987	657	663	670	rBV	137448	228548	4.32%	0.528%
11	7.146	682	690	703	rBV	563295	951747	17.99%	2.197%
12	7.352	718	725	733	rBV	557742	927881	17.54%	2.142%
13	7.452	739	742	748	rVB5	3466	5417	0.10%	0.013%
14	7.816	795	804	812	rBV	295142	495763	9.37%	1.145%
15	8.522	917	924	937	rBV	463298	766814	14.49%	1.770%
16	8.969	992	1000	1012	rBV	762150	1274387	24.09%	2.942%
17	9.693	1115	1123	1139	rBV	603965	1035540	19.57%	2.391%
18	10.228	1206	1214	1225	rBV	844455	1462740	27.65%	3.377%
19	10.604	1271	1278	1287	rBV	464855	807935	15.27%	1.865%
20	10.740	1293	1301	1313	rBV	846749	1482024	28.01%	3.422%
21	11.410	1410	1415	1416	rBV4	5836	7289	0.14%	0.017%
22	12.004	1511	1516	1520	rBV3	3840	5845	0.11%	0.013%
23	12.193	1543	1548	1557	rVB2	15789	26467	0.50%	0.061%
24	13.057	1691	1695	1702	rBV5	5646	9760	0.18%	0.023%
25	13.351	1740	1745	1750	rBV3	3335	6535	0.12%	0.015%
26	13.769	1810	1816	1823	rVB8	3323	8571	0.16%	0.020%
27	13.857	1824	1831	1842	rBV	1984879	2867833	54.21%	6.621%
28	14.140	1871	1879	1893	rBV	1947147	3107297	58.74%	7.174%
29	14.445	1924	1931	1939	rVB	745170	1125662	21.28%	2.599%
30	14.640	1958	1964	1974	rBV2	135068	243947	4.61%	0.563%
31	14.863	1999	2002	2009	rBV6	12079	18407	0.35%	0.042%
32	15.192	2053	2058	2062	rVB3	4177	6347	0.12%	0.015%
33	15.257	2064	2069	2076	rVB2	17736	28738	0.54%	0.066%
34	15.434	2092	2099	2113	rBV	2624409	4091681	77.34%	9.447%
35	15.551	2113	2119	2130	rBV	1083183	1494815	28.26%	3.451%
36	15.675	2135	2140	2145	rVB2	37993	59437	1.12%	0.137%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020115.D
Acq On : 11 Jun 2022 00:34
Operator : CG/JU
Sample : N3250-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXYT2

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

37	15.804	2159	2162	2170	rVB9	4283	8161	0.15%	0.019%
38	15.945	2181	2186	2192	rBV	68372	102481	1.94%	0.237%
39	16.004	2192	2196	2201	rVV6	3480	6319	0.12%	0.015%
40	16.222	2229	2233	2238	rVB4	12755	17366	0.33%	0.040%
41	16.269	2238	2241	2247	rBV7	4274	6857	0.13%	0.016%
42	16.451	2267	2272	2278	rBV	36059	54108	1.02%	0.125%
43	16.869	2338	2343	2347	rVB6	5491	8443	0.16%	0.019%
44	17.186	2390	2397	2405	rBV	914244	1356037	25.63%	3.131%
45	17.286	2407	2414	2426	rBV	3042554	4715312	89.13%	10.887%
46	17.710	2481	2486	2488	rBV6	3558	6103	0.12%	0.014%
47	17.816	2503	2504	2509	rBV3	3845	5480	0.10%	0.013%
48	17.857	2509	2511	2518	rVV5	10588	16405	0.31%	0.038%
49	18.051	2540	2544	2545	rBV4	4726	5684	0.11%	0.013%
50	18.086	2545	2550	2558	rVV2	118420	171584	3.24%	0.396%
51	18.163	2559	2563	2567	rVB2	11144	18765	0.35%	0.043%
52	19.145	2725	2730	2737	rBV2	45945	68201	1.29%	0.157%
53	19.216	2737	2742	2746	rBV	49035	72876	1.38%	0.168%
54	19.369	2764	2768	2778	rBV2	93718	146697	2.77%	0.339%
55	19.522	2790	2794	2797	rBV4	16587	18898	0.36%	0.044%
56	19.580	2797	2804	2812	rBV	3714112	5290321	100.00%	12.215%
57	20.139	2897	2899	2903	rVB5	7080	6108	0.12%	0.014%
58	20.569	2969	2972	2973	rBV3	9582	11877	0.22%	0.027%
59	21.098	3059	3062	3070	rBV3	45569	88108	1.67%	0.203%
60	21.369	3103	3108	3115	rBV	1093191	1434996	27.12%	3.313%
61	21.533	3134	3136	3142	rBV4	18213	23047	0.44%	0.053%
62	21.980	3210	3212	3216	rVB3	23337	27390	0.52%	0.063%
63	22.469	3291	3295	3299	rBV	41388	59363	1.12%	0.137%
64	23.004	3382	3386	3392	rVB2	65839	100226	1.89%	0.231%
65	23.551	3470	3479	3486	rBV2	2308036	4695351	88.75%	10.841%
66	23.698	3496	3504	3519	rVB	630155	1272264	24.05%	2.937%
67	24.298	3601	3606	3617	rVB	75376	162345	3.07%	0.375%
68	25.104	3738	3743	3749	rVB3	60866	134095	2.53%	0.310%

Sum of corrected areas: 43311489

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
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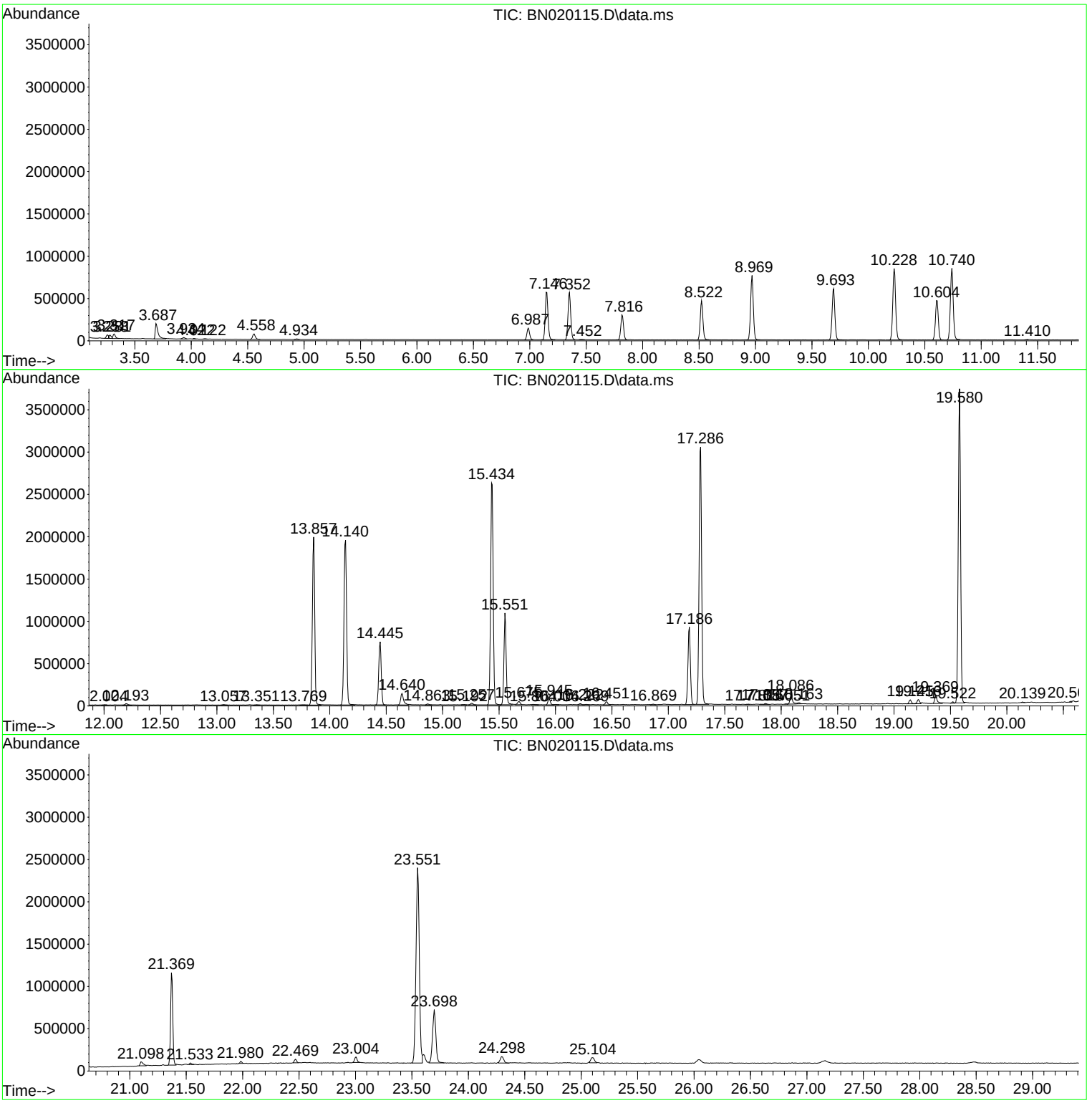
Acq On : 11 Jun 2022 00:34
Operator : CG/JU
Sample : N3250-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXYT2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
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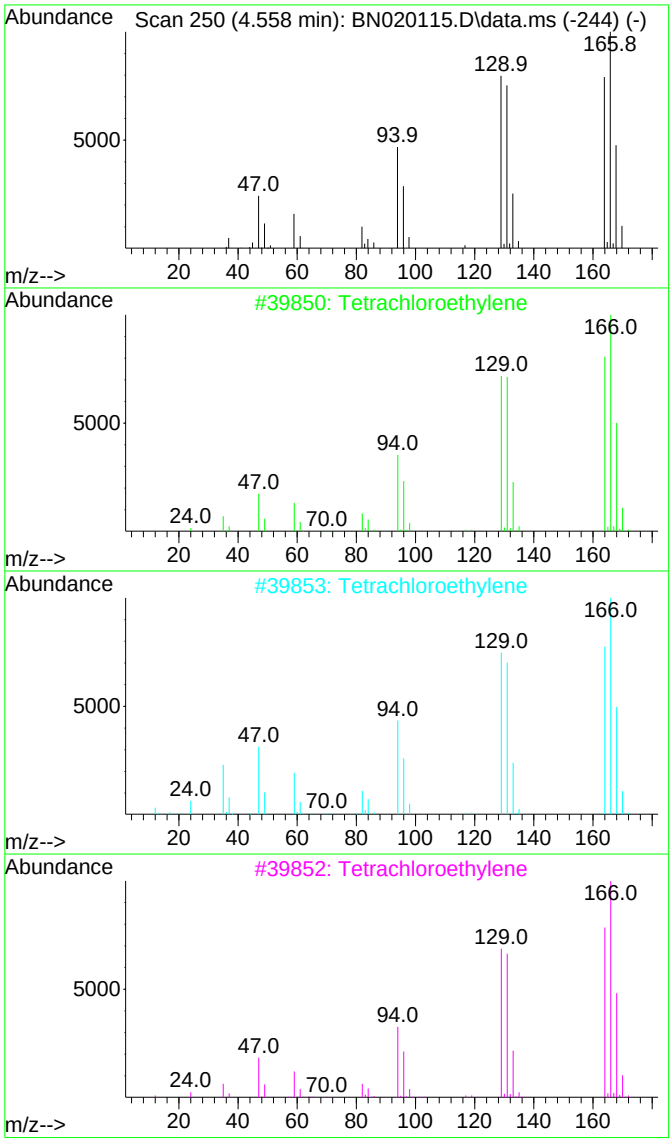
Quant Title : SVOA CALIBRATION

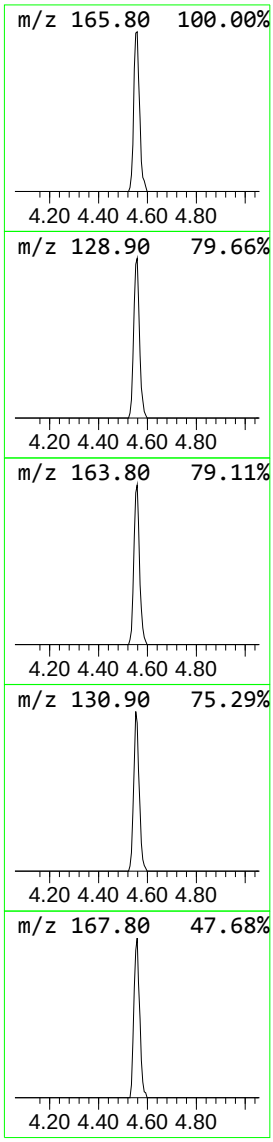
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.558	4.50 ng/ul	111584	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020115.D
Acq On : 11 Jun 2022 00:34
Operator : CG/JU
Sample : N3250-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXYT2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

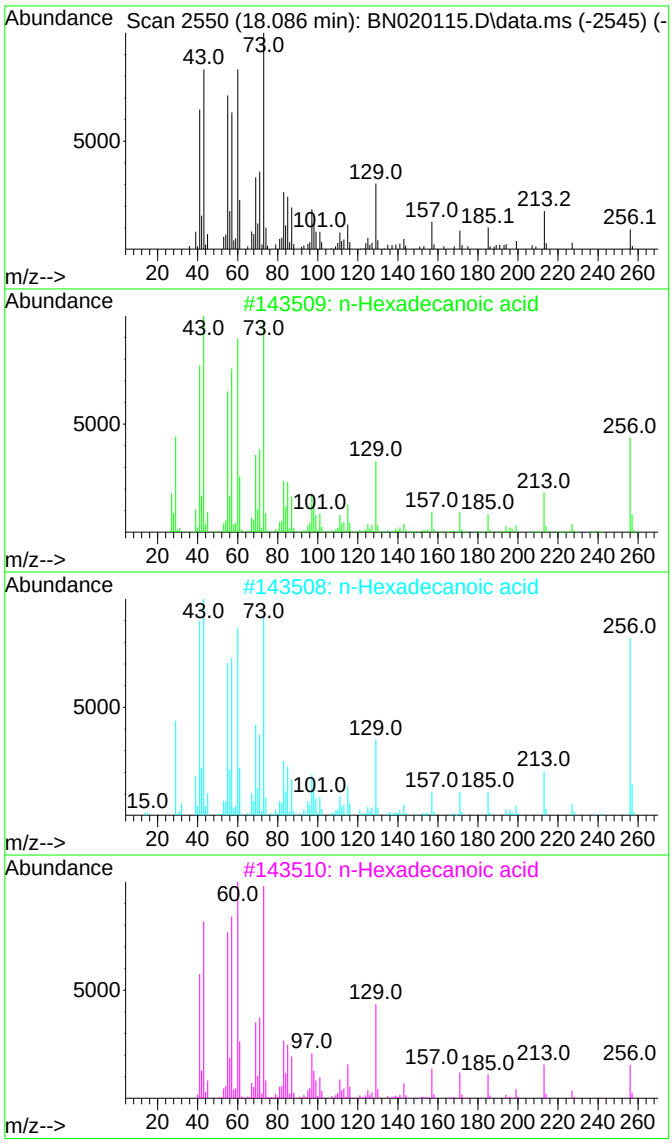
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

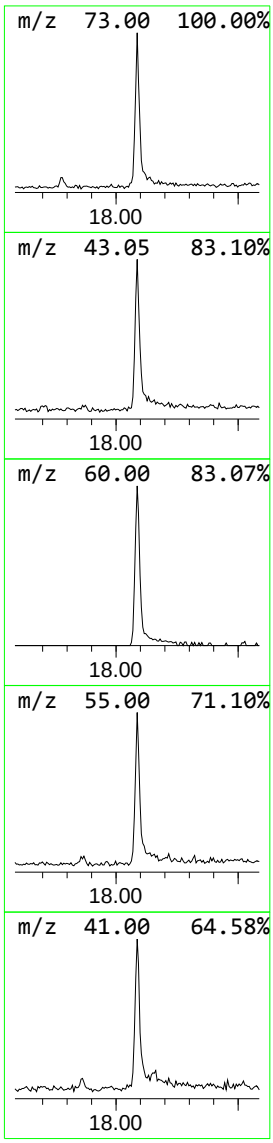
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	2.53 ng/ul	171584	Phenanthrene-d10	17.186

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	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
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Acq On : 11 Jun 2022 00:34
Operator : CG/JU
Sample : N3250-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

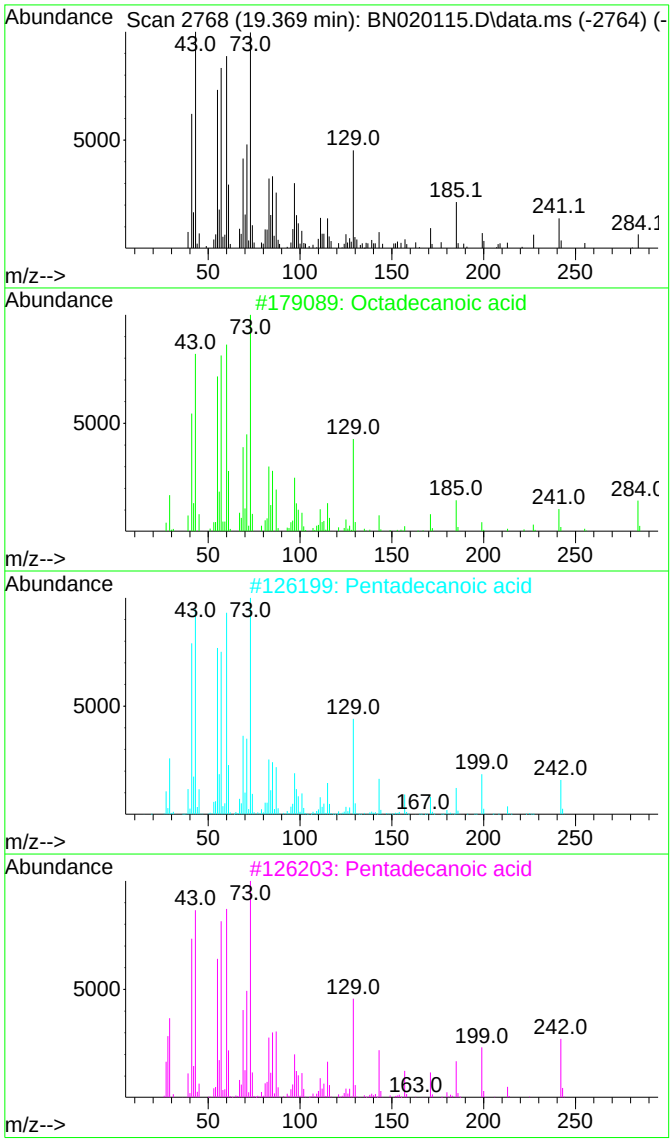
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

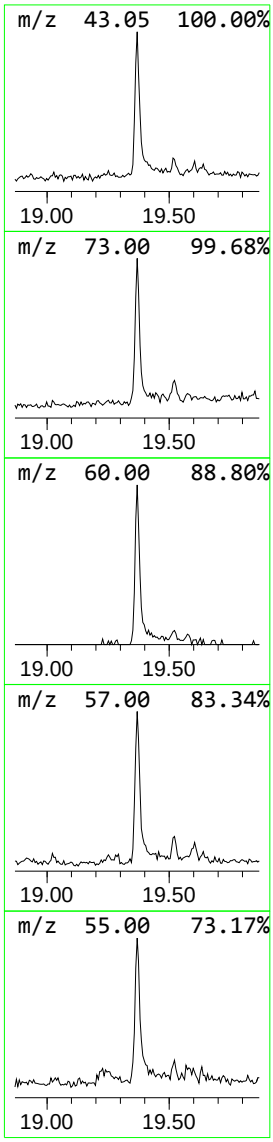
****

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	2.04 ng/ul	146697	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020115.D
Acq On : 11 Jun 2022 00:34
Operator : CG/JU
Sample : N3250-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXYT2

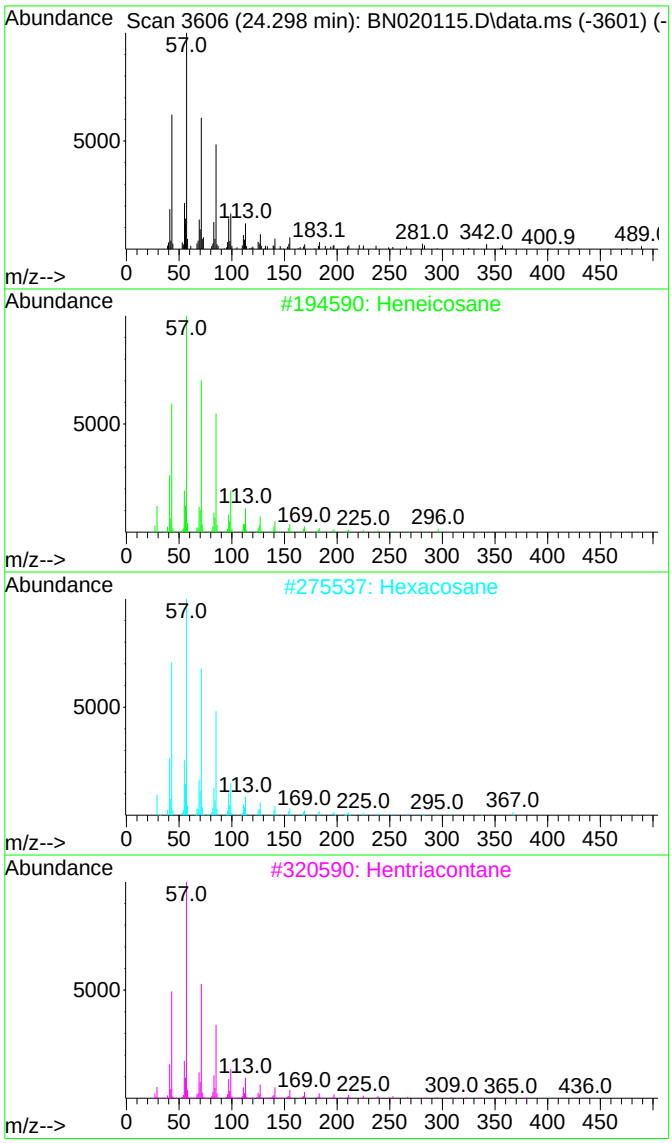
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

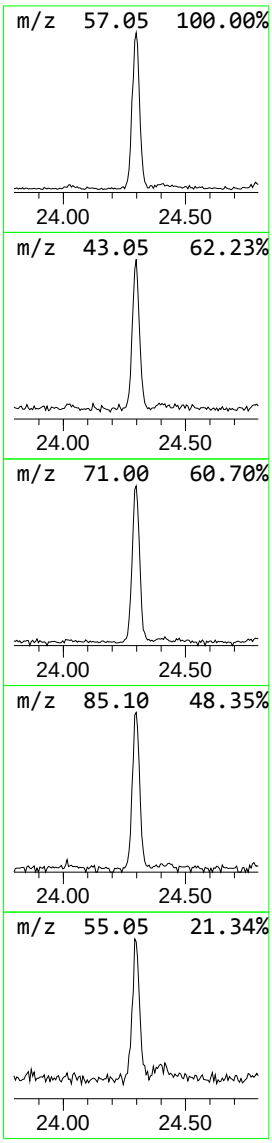
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.298	2.55 ng/ul	162345	Perylene-d12	23.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXYT2

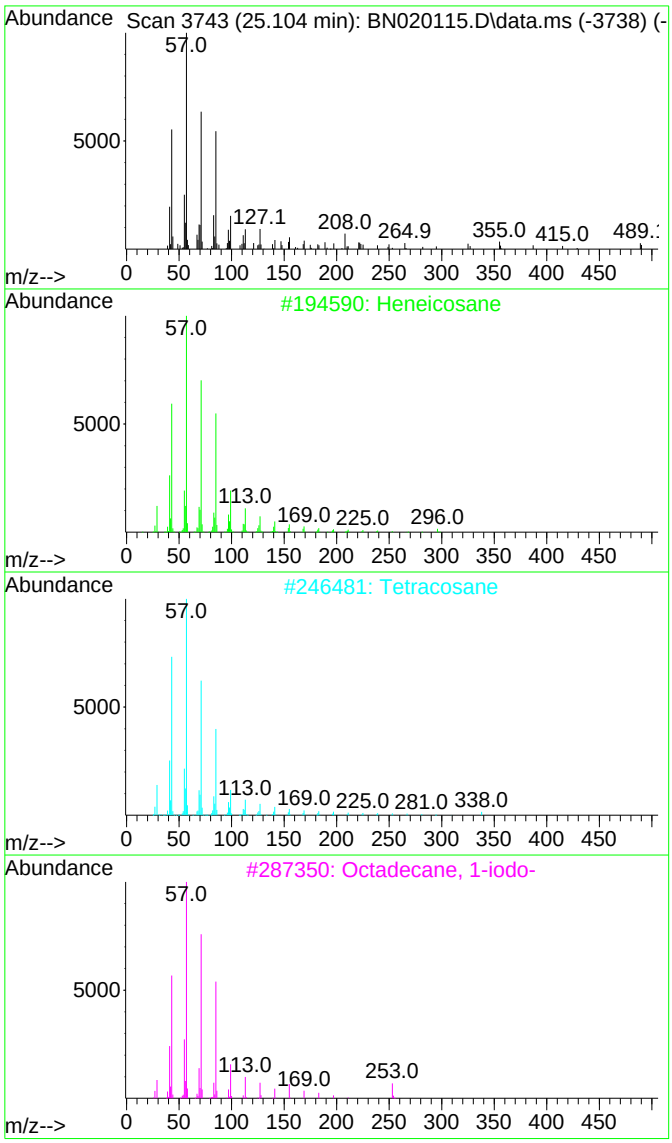
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

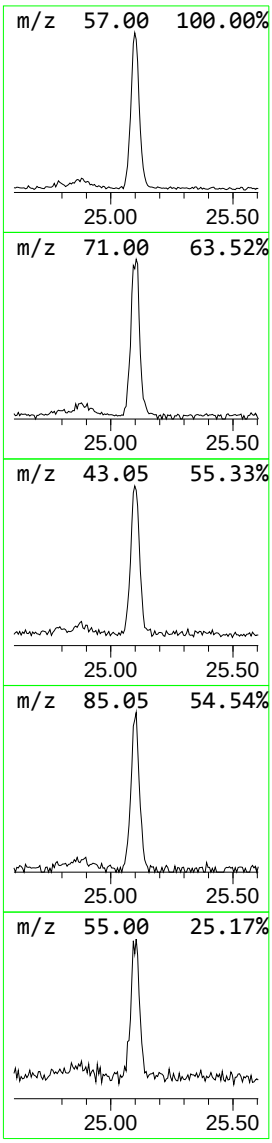
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.104	2.11 ng/ul	134095	Perylene-d12	23.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061122\
Data File : BN020115.D
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Instrument :
BNA_N
ClientSampleId :
EXYT2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.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
Tetrachloroethy...	4.558	4.5	ng/ul	111584	1	7.822	495763	20.0
n-Hexadecanoic ...	18.086	2.5	ng/ul	171584	4	17.186	1356040	20.0
Octadecanoic acid	19.369	2.0	ng/ul	146697	5	21.369	1435000	20.0
(DEL) Alkane: S...	24.298	2.5	ng/ul	162345	6	23.698	1272260	20.0
(DEL) Alkane: S...	25.104	2.1	ng/ul	134095	6	23.698	1272260	20.0