LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4BN5

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-BN052924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN032010.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.176	28	32	40	rVB	40696	53822	1.14%	0.091%
2	3.446	74	78	85	rBV	15822	27097	0.57%	0.046%
3	3.581	97	101	122	rBV	501447	797294	16.85%	1.347%
4	3.893	151	154	162	rVB	16242	24758	0.52%	0.042%
5	4.387	234	238	243	rVB6	4684	7155	0.15%	0.012%
6	4.446	243	248	252	rBV3	4581	8564	0.18%	0.014%
7	4.787	301	306	311	rBV	15746	23200	0.49%	0.039%
8	5.758	466	471	479	rBV3	8287	16756	0.35%	0.028%
9	6.669	622	626	633	rVB6	4860	9839	0.21%	0.017%
10	6.834	647	654	668	rBV	660012	1137195	24.03%	1.921%
11	6.993	674	681	693	rVB	546519	896354	18.94%	1.514%
12	7.187	705	714	723	rBV	703565	1146469	24.23%	1.936%
13	7.269	723	728	738	rVB2	21701	47877	1.01%	0.081%
14	7.652	785	793	801	rBV	1063515	1695359	35.83%	2.863%
15	8.364	907	914	933	rBV	889420	1489226	31.47%	2.515%
16	8.811	981	990	1002	rBV	683270	1135366	24.00%	1.918%
17	8.969	1014	1017	1023	rVB8	6003	11030	0.23%	0.019%
18	9.199	1052	1056	1060	rBV4	4969	6754	0.14%	0.011%
19	9.381	1081	1087	1093	rVB2	16335	27661	0.58%	0.047%
20	9.528	1103	1112	1127	rBV	542250	944984	19.97%	1.596%
21	9.763	1148	1152	1157	rBV6	6463	10404	0.22%	0.018%
22	10.063	1195	1203	1225	rBV	822770	1506604	31.84%	2.545%
23	10.434	1258	1266	1278	rBV	1590926	2705675	57.18%	4.570%
24	10.581	1283	1291	1307	rVV	862636	1555406	32.87%	2.627%
25	11.187	1388	1394	1399	rBV	21093	48821	1.03%	0.082%
26	11.234	1400	1402	1408	rVB6	9035	13589	0.29%	0.023%
27	12.028	1532	1537	1546	rVB2	15203	29708	0.63%	0.050%
28	13.110	1719	1721	1728	rVB8	4031	8366	0.18%	0.014%
29	13.193	1728	1735	1741	rBV2	26088	48134	1.02%	0.081%
30	13.263	1744	1747	1752	rVB6	4451	7420	0.16%	0.013%
31	13.716	1816	1824	1833	rBV	1618928	2343886	49.54%	3.959%
32	13.993	1860	1871	1884	rBV	1881100	2941265	62.16%	4.968%
33	14.122	1888	1893	1897	rVV8	4418	8194	0.17%	0.014%
34	14.298	1911	1923	1932	rBV	2734466	4005176	84.65%	6.765%
35	14.357	1932	1933	1938	rVB4	10021	9885	0.21%	0.017%
36	14.410	1938	1942	1949	rVB10	5683	12320	0.26%	0.021%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BN5

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-BN052924.MA.M
Title : SVOA CALIBRATION

37	14.522	1953	1961	1981	rBV	619470	1164334	24.61%	1.967%
38	14.728	1993	1996	2002	rVB7	10600	17775	0.38%	0.030%
39	15.098	2053	2059	2062	rBV5	7142	13116	0.28%	0.022%
40	15.293	2086	2092	2100	rBV	2353148	3542050	74.86%	5.983%
41	15.428	2109	2115	2128	rBV	525925	770871	16.29%	1.302%
42	15.534	2130	2133	2136	rBV5	8418	11496	0.24%	0.019%
43	15.669	2153	2156	2159	rVB4	4471	5315	0.11%	0.009%
44	15.857	2182	2188	2192	rBV8	7470	13135	0.28%	0.022%
45	16.028	2212	2217	2222	rBV7	12003	25467	0.54%	0.043%
46	16.451	2287	2289	2295	rVB7	4907	7008	0.15%	0.012%
47	16.969	2373	2377	2381	rVB7	8126	11780	0.25%	0.020%
48	17.051	2384	2391	2396	rBV	3251825	4731551	100.00%	7.992%
49	17.145	2401	2407	2418	rVB2	2629544	3754143	79.34%	6.341%
50	17.340	2435	2440	2445	rBV4	10111	21242	0.45%	0.036%
51	17.722	2501	2505	2510	rBV2	14600	18015	0.38%	0.030%
52	17.951	2538	2544	2554	rBV	308573	556521	11.76%	0.940%
53	19.010	2721	2724	2727	rBV2	34289	40897	0.86%	0.069%
54	19.086	2733	2737	2739	rBV	36721	57574	1.22%	0.097%
55	19.116	2739	2742	2750	rVB	73973	110324	2.33%	0.186%
56	19.234	2758	2762	2771	rBV	129532	223369	4.72%	0.377%
57	19.386	2785	2788	2792	rBV3	28806	30018	0.63%	0.051%
58	19.445	2793	2798	2812	rVV	2914773	4237406	89.56%	7.157%
59	20.845	3032	3036	3040	rBV2	336837	526618	11.13%	0.889%
60	20.886	3040	3043	3048	rVB	183162	247617	5.23%	0.418%
61	20.969	3054	3057	3066	rVB3	268935	526922	11.14%	0.890%
62	21.110	3077	3081	3087	rBV	1005070	1392924	29.44%	2.353%
63	21.186	3091	3094	3098	rVV2	189451	278134	5.88%	0.470%
64	21.228	3098	3101	3105	rVV2	375507	529825	11.20%	0.895%
65	21.280	3105	3110	3123	rVB2	2649970	3980643	84.13%	6.723%
66	22.227	3266	3271	3279	rVB	544510	898048	18.98%	1.517%
67	23.369	3462	3465	3473	rVB2	226676	416604	8.80%	0.704%
68	24.010	3567	3574	3584	rVB2	1129625	2670223	56.43%	4.510%
69	24.210	3600	3608	3620	rVB	1447163	3613664	76.37%	6.104%

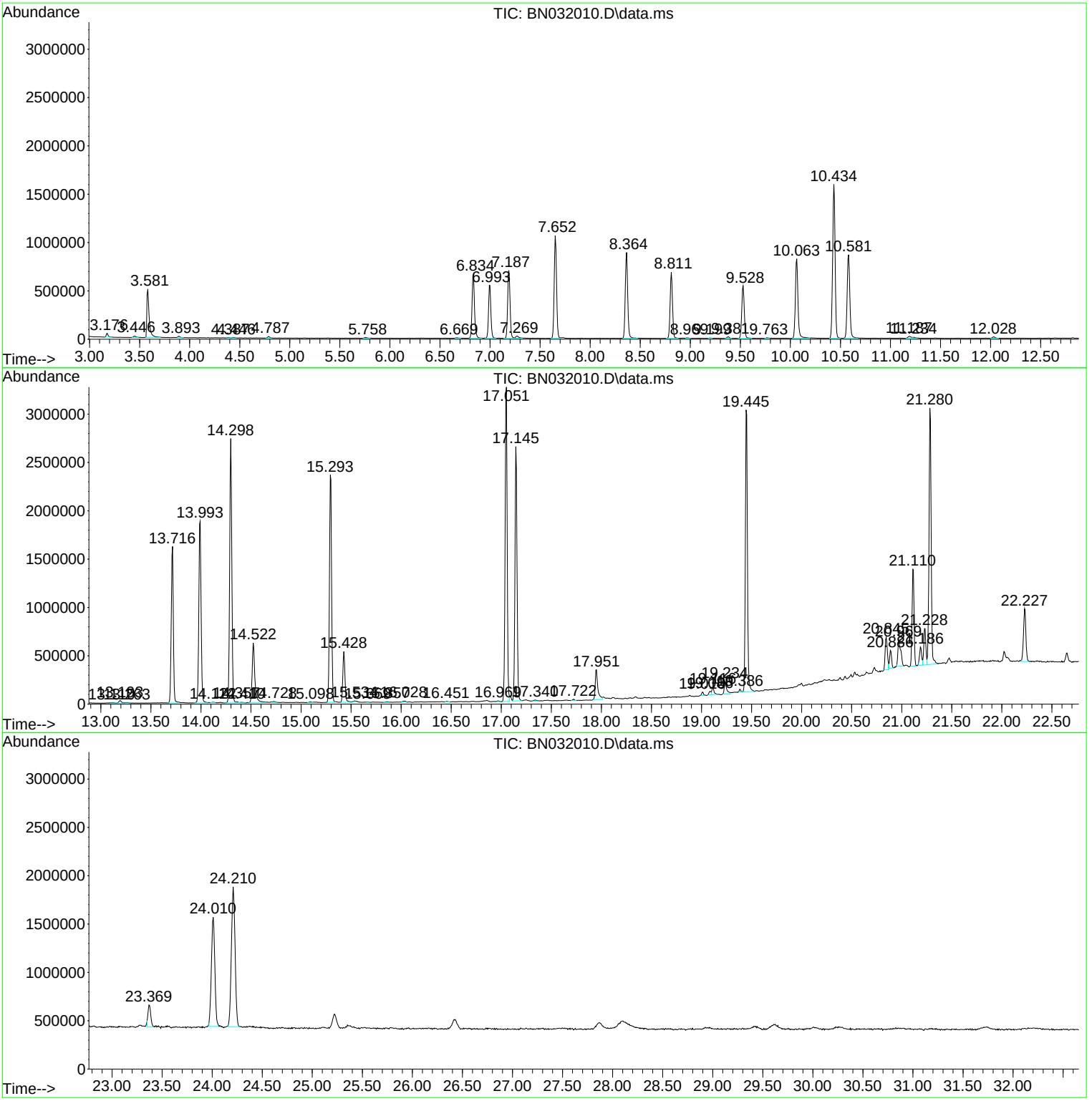
Sum of corrected areas: 59206242

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

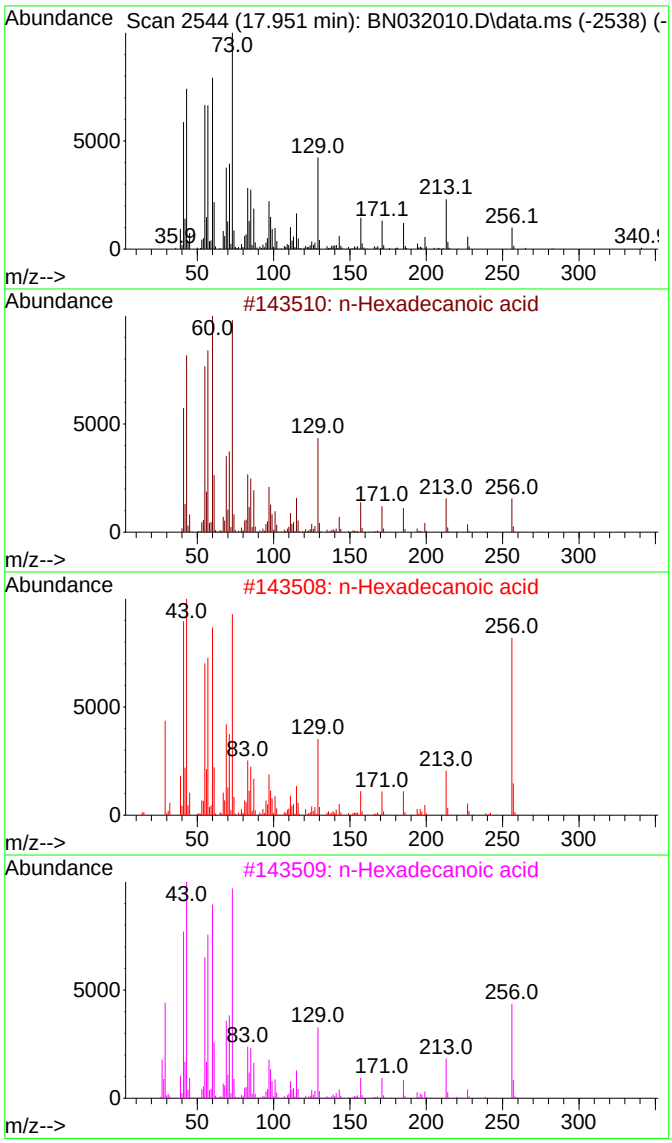
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

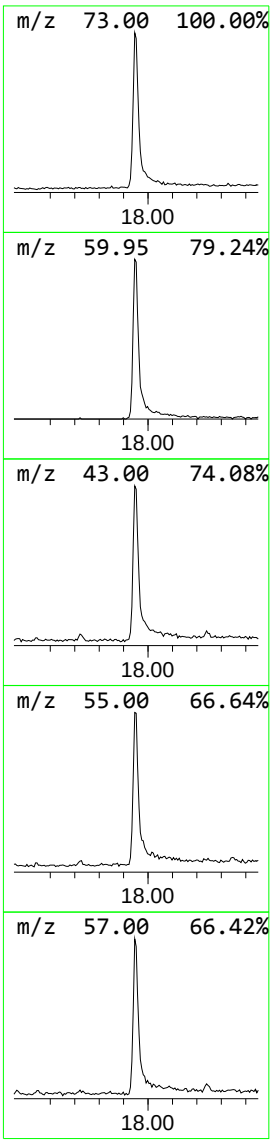
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	2.35 ng/ul	556521	Phenanthrene-d10	17.051

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	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

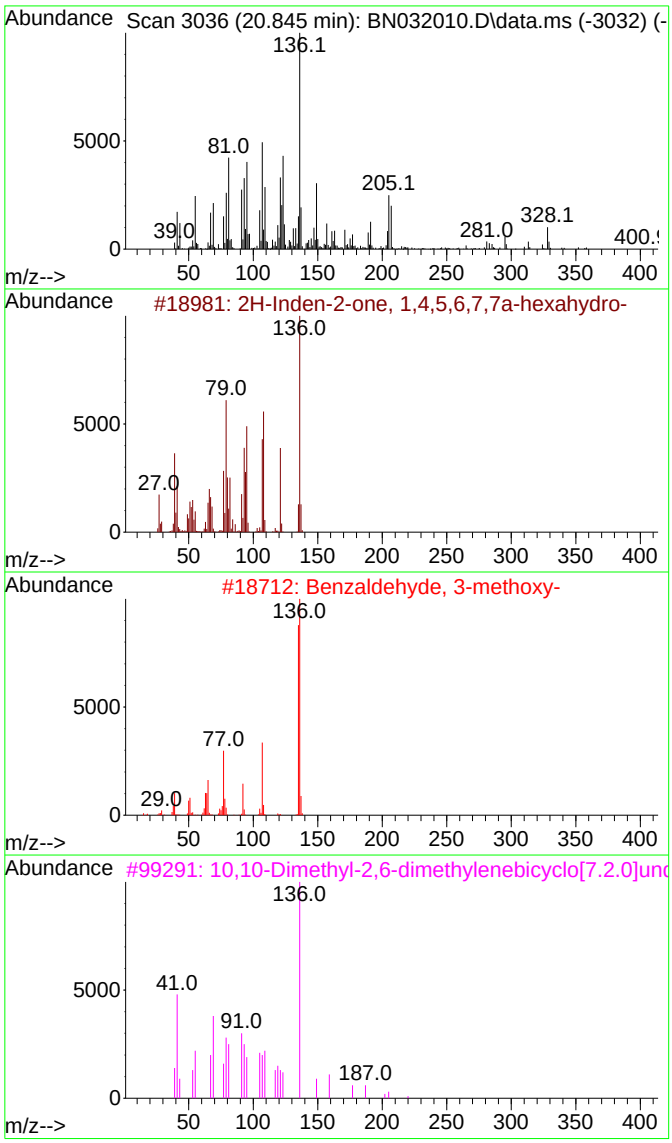
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

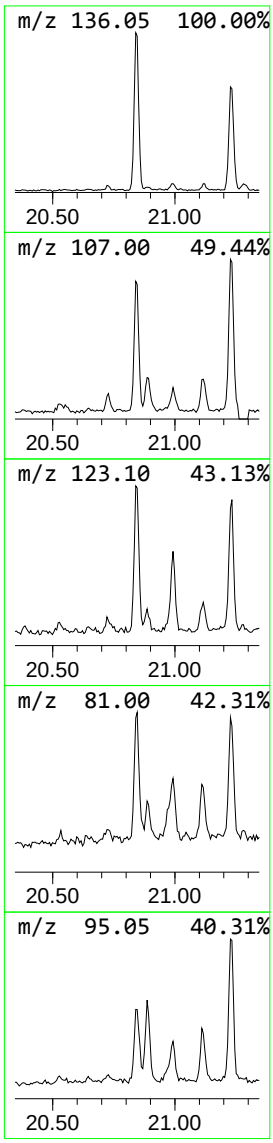
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.845	2.65 ng/ul	526618	Chrysene-d12	21.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	136	C9H12O	039163-29-6	46
2	Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	35
3	10,10-Dimethyl-2,6-dimethylenebi...	220	C15H24O	019431-80-2	30
4	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	27
5	3H-Cyclopenta[c]pyridazin-3-one,...	136	C7H8N2O	1000338-22-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BN5

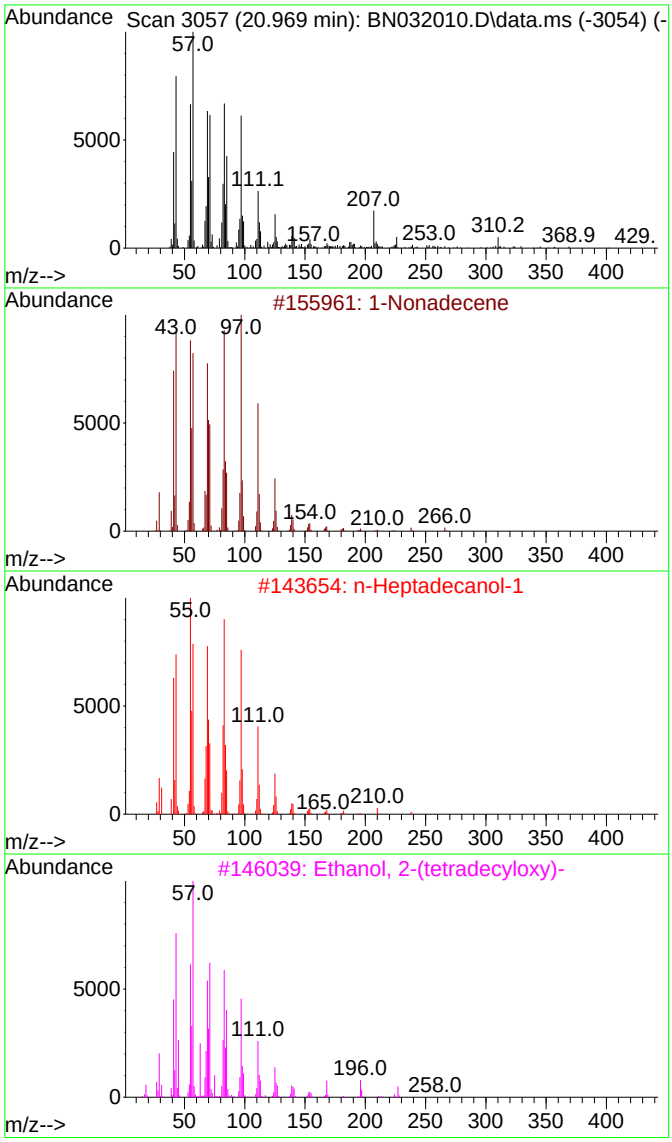
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

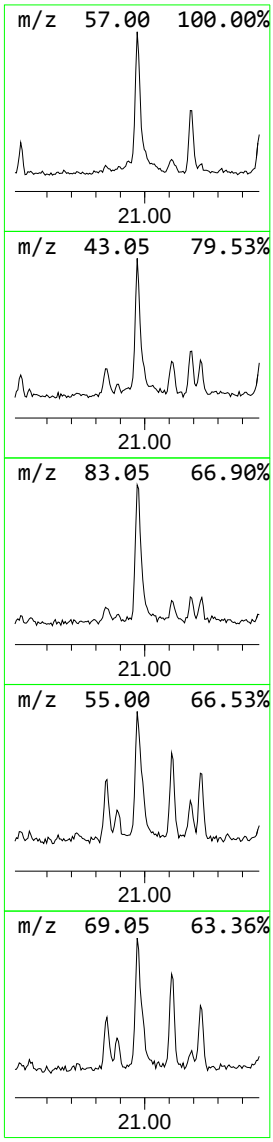
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.969	2.65 ng/ul	526922	Chrysene-d12	21.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	92
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

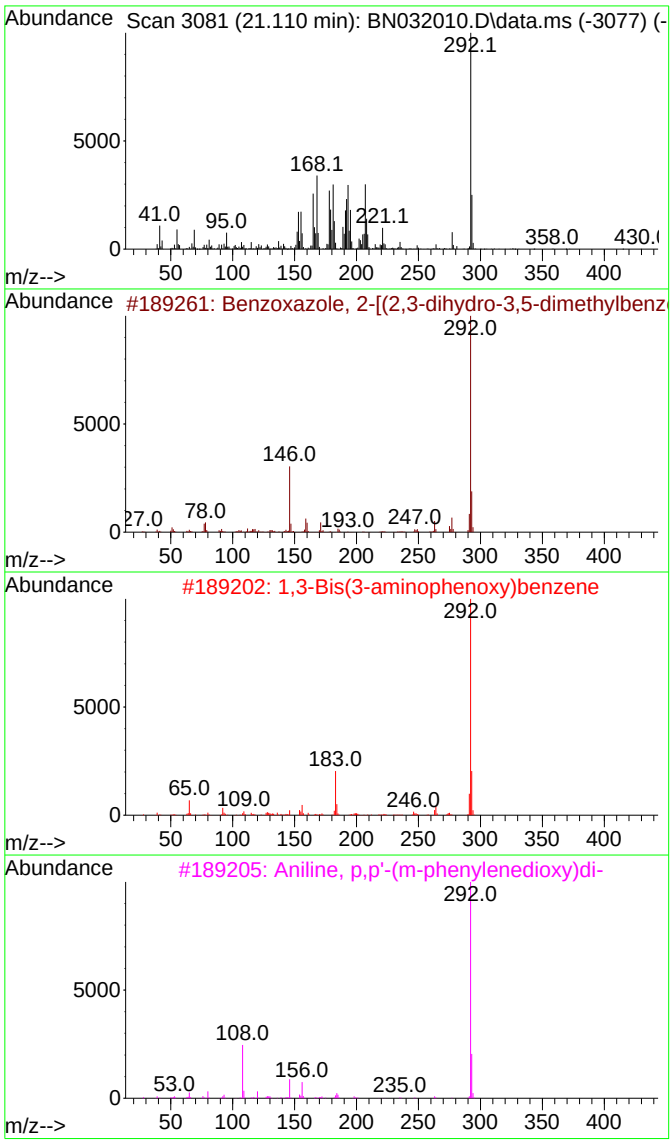
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

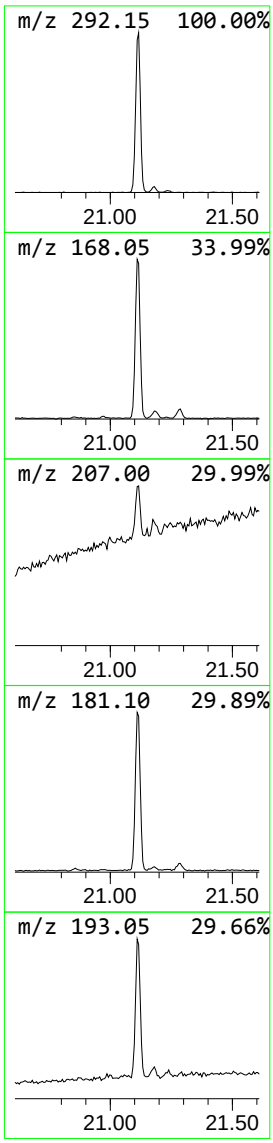
****

Peak Number 4 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	7.00 ng/ul	1392920	Chrysene-d12	21.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoxazole, 2-[(2,3-dihydro-3,5...	292	C18H16N2O2	024261-18-5	30
2	1,3-Bis(3-aminophenoxy)benzene	292	C18H16N2O2	010526-07-5	30
3	Aniline, p,p'-(m-phenylenedioxy)di-	292	C18H16N2O2	002479-46-1	27
4	Aniline, p,p'-(p-phenylenedioxy)di-	292	C18H16N2O2	003491-12-1	27
5	1,8-Dinitropyrene	292	C16H8N2O4	042397-65-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BN5

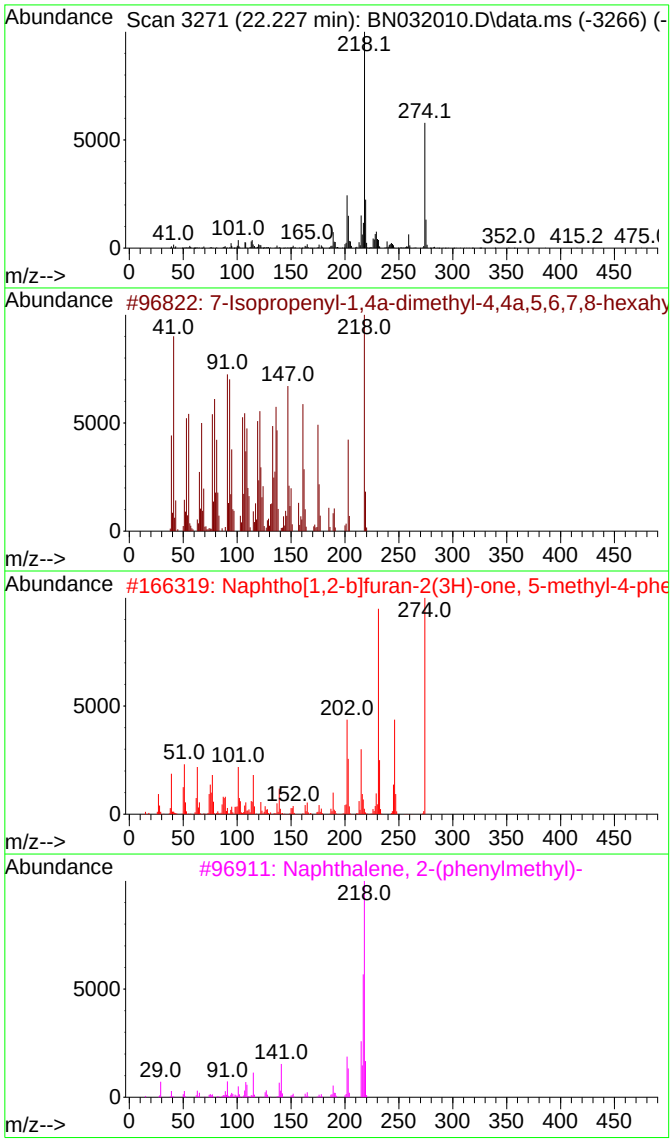
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

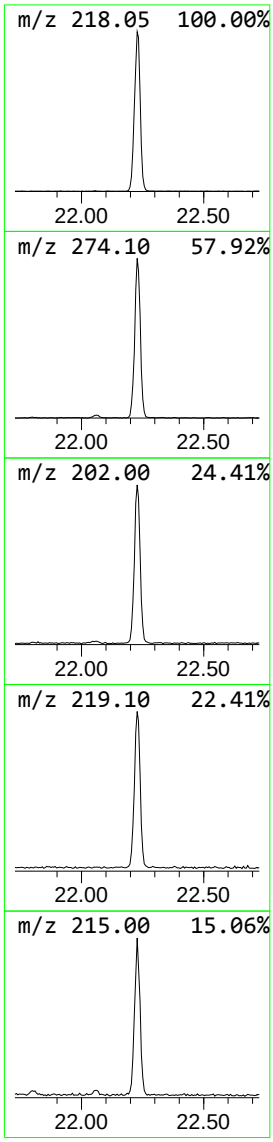
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7-Isopropenyl-1,4a-dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.227	4.51 ng/ul	898048	Chrysene-d12	21.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	74
2	Naphtho[1,2-b]furan-2(3H)-one, 5...	274	C19H14O2	077573-41-2	55
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
4	5,6,6',11,12,12'-Hexahydro-6',12...	274	C19H14O2	111977-22-1	50
5	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BN5

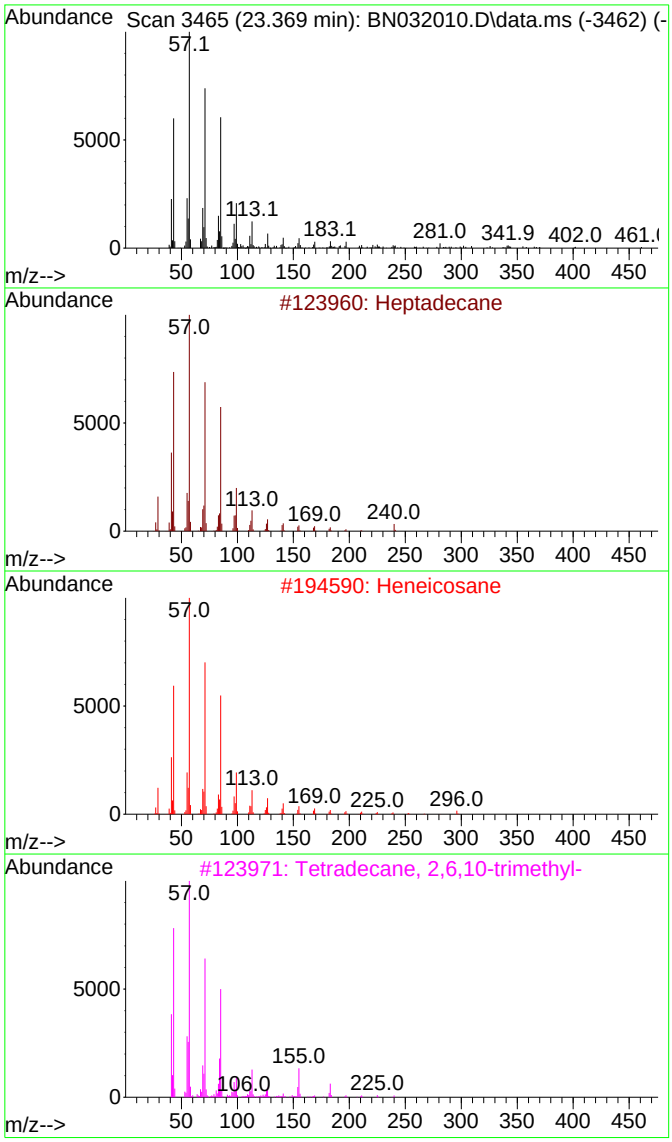
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

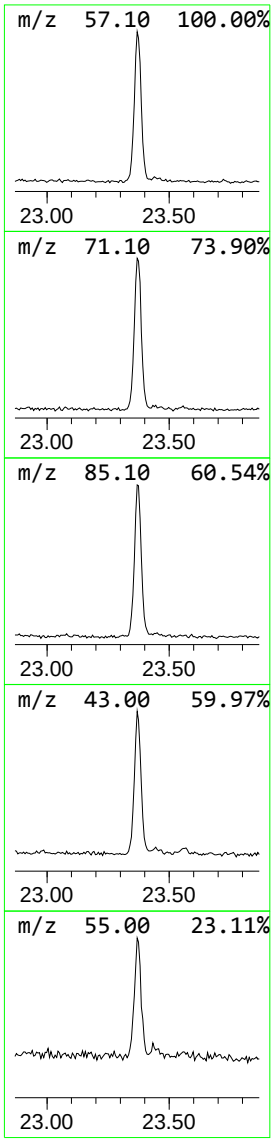
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.369	2.31 ng/ul	416604	Perylene-d12	24.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN032010.D
Acq On : 14 Jun 2024 21:06
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
n-Hexadecanoic ...	17.951	2.4	ng/ul	556521	4	17.051	4731550	20.0
unknown-01	20.845	2.6	ng/ul	526618	5	21.281	3980640	20.0
(DEL) Alkane: S...	20.969	2.6	ng/ul	526922	5	21.281	3980640	20.0
unknown-02	21.110	7.0	ng/ul	1392920	5	21.281	3980640	20.0
7-Isopropenyl-1...	22.227	4.5	ng/ul	898048	5	21.281	3980640	20.0
(DEL) Alkane: S...	23.369	2.3	ng/ul	416604	6	24.210	3613660	20.0