LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021116.D
Acq On : 24 Jul 2024 03:17
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BF0

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021116.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	31	34	43	rVB	29549	41980	1.17%	0.094%
2	3.475	79	83	94	rBV	86942	143973	4.02%	0.321%
3	3.611	103	106	119	rBV	336260	504421	14.07%	1.124%
4	3.911	154	157	163	rVB	17047	24970	0.70%	0.056%
5	4.322	225	227	230	rBV4	3861	4349	0.12%	0.010%
6	4.810	306	310	319	rVB2	10155	15172	0.42%	0.034%
7	5.787	471	476	482	rBV4	7142	14028	0.39%	0.031%
8	6.057	515	522	523	rBV7	3523	5604	0.16%	0.012%
9	6.769	638	643	648	rBV5	4909	9353	0.26%	0.021%
10	6.881	656	662	676	rBV	419449	817645	22.81%	1.822%
11	7.010	678	684	700	rVB	357783	578532	16.14%	1.289%
12	7.216	712	719	728	rBV	480179	806558	22.50%	1.797%
13	7.293	728	732	748	rVB2	31691	84956	2.37%	0.189%
14	7.663	788	795	804	rBV	568132	910062	25.39%	2.028%
15	7.740	804	808	812	rVB6	7301	12549	0.35%	0.028%
16	8.393	913	919	941	rBV	554351	1026168	28.63%	2.287%
17	8.816	985	991	1008	rBV	458472	775851	21.65%	1.729%
18	8.963	1013	1016	1025	rVB9	8973	17352	0.48%	0.039%
19	9.157	1045	1049	1056	rBV6	6145	12647	0.35%	0.028%
20	9.375	1081	1086	1097	rVB2	50009	85225	2.38%	0.190%
21	9.528	1105	1112	1124	rBV	384158	668634	18.66%	1.490%
22	9.969	1186	1187	1191	rVB4	4146	4234	0.12%	0.009%
23	10.093	1200	1208	1223	rBV	514857	1073108	29.94%	2.391%
24	10.434	1259	1266	1273	rBV	737176	1335769	37.27%	2.977%
25	10.487	1273	1275	1281	rVV	31772	44609	1.24%	0.099%
26	10.587	1285	1292	1312	rVV	507494	946835	26.42%	2.110%
27	10.975	1351	1358	1365	rBV2	16457	37390	1.04%	0.083%
28	11.192	1388	1395	1406	rBV2	139126	326803	9.12%	0.728%
29	11.422	1430	1434	1438	rBV4	5226	7852	0.22%	0.017%
30	11.845	1502	1506	1509	rVB6	2691	4273	0.12%	0.010%
31	12.022	1533	1536	1544	rVB4	11276	20217	0.56%	0.045%
32	12.098	1544	1549	1556	rVV	13093	22633	0.63%	0.050%
33	12.328	1579	1588	1595	rVB6	9822	22386	0.62%	0.050%
34	12.792	1664	1667	1674	rVB6	7087	12252	0.34%	0.027%
35	12.898	1683	1685	1692	rVB8	2553	4127	0.12%	0.009%
36	13.087	1713	1717	1718	rBV4	3775	4895	0.14%	0.011%

LSC Area Percent Report

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Acq On : 24 Jul 2024 03:17
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	13.122	1721	1723	1727	rVV5	6320	8940	0.25%	0.020%
38	13.181	1731	1733	1738	rVB6	5968	7071	0.20%	0.016%
39	13.251	1742	1745	1751	rVB8	5631	10375	0.29%	0.023%
40	13.322	1755	1757	1766	rVB10	3036	5232	0.15%	0.012%
41	13.486	1777	1785	1786	rBV7	7835	14828	0.41%	0.033%
42	13.522	1786	1791	1801	rVB3	10784	27920	0.78%	0.062%
43	13.610	1803	1806	1812	rVB7	7056	12017	0.34%	0.027%
44	13.716	1813	1824	1830	rBV	994508	1525289	42.56%	3.399%
45	13.951	1860	1864	1865	rBV2	14768	16696	0.47%	0.037%
46	13.998	1865	1872	1887	rVV	1323521	1965425	54.84%	4.380%
47	14.110	1889	1891	1896	rVB6	8213	12282	0.34%	0.027%
48	14.192	1899	1905	1907	rBV7	8078	13584	0.38%	0.030%
49	14.304	1912	1924	1931	rVV	1195596	1901789	53.06%	4.238%
50	14.369	1931	1935	1943	rVB	69734	102009	2.85%	0.227%
51	14.533	1954	1963	1970	rBV	274910	617458	17.23%	1.376%
52	14.604	1970	1975	1988	rBV	246991	638761	17.82%	1.423%
53	14.716	1990	1994	2004	rVB	45477	98028	2.74%	0.218%
54	14.945	2028	2033	2038	rBV8	6838	18396	0.51%	0.041%
55	15.092	2054	2058	2063	rVB7	10719	18394	0.51%	0.041%
56	15.157	2064	2069	2072	rVB7	8582	13549	0.38%	0.030%
57	15.263	2084	2087	2090	rBV4	10861	13063	0.36%	0.029%
58	15.322	2090	2097	2103	rVV	1660607	2441166	68.11%	5.440%
59	15.381	2103	2107	2116	rVB2	70004	119695	3.34%	0.267%
60	15.480	2118	2124	2132	rBV	175277	324933	9.07%	0.724%
61	15.580	2137	2141	2146	rVB4	24797	44160	1.23%	0.098%
62	15.686	2156	2159	2163	rVB	16698	18684	0.52%	0.042%
63	16.063	2217	2223	2230	rBV4	31504	75267	2.10%	0.168%
64	16.204	2243	2247	2257	rVB	37315	60099	1.68%	0.134%
65	16.328	2265	2268	2274	rVB	25541	34556	0.96%	0.077%
66	16.627	2316	2319	2325	rVB6	25003	39066	1.09%	0.087%
67	16.780	2342	2345	2350	rVB2	25875	32653	0.91%	0.073%
68	16.933	2369	2371	2375	rVB	37205	40311	1.12%	0.090%
69	16.986	2375	2380	2383	rBV	125053	172775	4.82%	0.385%
70	17.027	2383	2387	2393	rVB	68450	111652	3.12%	0.249%
71	17.127	2396	2404	2408	rBV	1624674	2499382	69.74%	5.570%
72	17.169	2408	2411	2415	rVB	637744	767852	21.42%	1.711%
73	17.222	2415	2420	2425	rBV	1769286	2550662	71.17%	5.684%
74	17.298	2430	2433	2437	rVB2	77137	97455	2.72%	0.217%
75	17.533	2469	2473	2474	rBV4	30558	43240	1.21%	0.096%
76	17.563	2475	2478	2480	rBV	47756	63513	1.77%	0.142%

LSC Area Percent Report

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Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

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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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

77	17.616	2485	2487	2491	rVB2	54722	59220	1.65%	0.132%
78	17.727	2501	2506	2515	rVB	193183	422561	11.79%	0.942%
79	17.810	2517	2520	2524	rVB2	37939	45433	1.27%	0.101%
80	17.992	2548	2551	2554	rBV3	43832	54601	1.52%	0.122%
81	18.039	2554	2559	2563	rBV2	250321	416016	11.61%	0.927%
82	18.227	2586	2591	2595	rBV2	187206	290094	8.09%	0.646%
83	18.280	2598	2600	2605	rVB2	73927	108324	3.02%	0.241%
84	18.516	2638	2640	2643	rBV2	51003	51619	1.44%	0.115%
85	18.627	2654	2659	2663	rBV3	66309	143954	4.02%	0.321%
86	19.251	2761	2765	2773	rVB	704943	1088733	30.38%	2.426%
87	19.380	2785	2787	2797	rVB7	72764	123417	3.44%	0.275%
88	19.598	2819	2824	2828	rBV2	2404205	3583992	100.00%	7.987%
89	21.210	3095	3098	3108	rVB4	339543	594356	16.58%	1.324%
90	21.457	3135	3140	3144	rVB	1741825	2255684	62.94%	5.027%
91	21.557	3150	3157	3163	rBV3	1615842	3207166	89.49%	7.147%
92	24.645	3676	3682	3690	rVB	1204253	2878559	80.32%	6.415%
93	24.886	3716	3723	3739	rVB3	945883	2546057	71.04%	5.674%

Sum of corrected areas: 44875425

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
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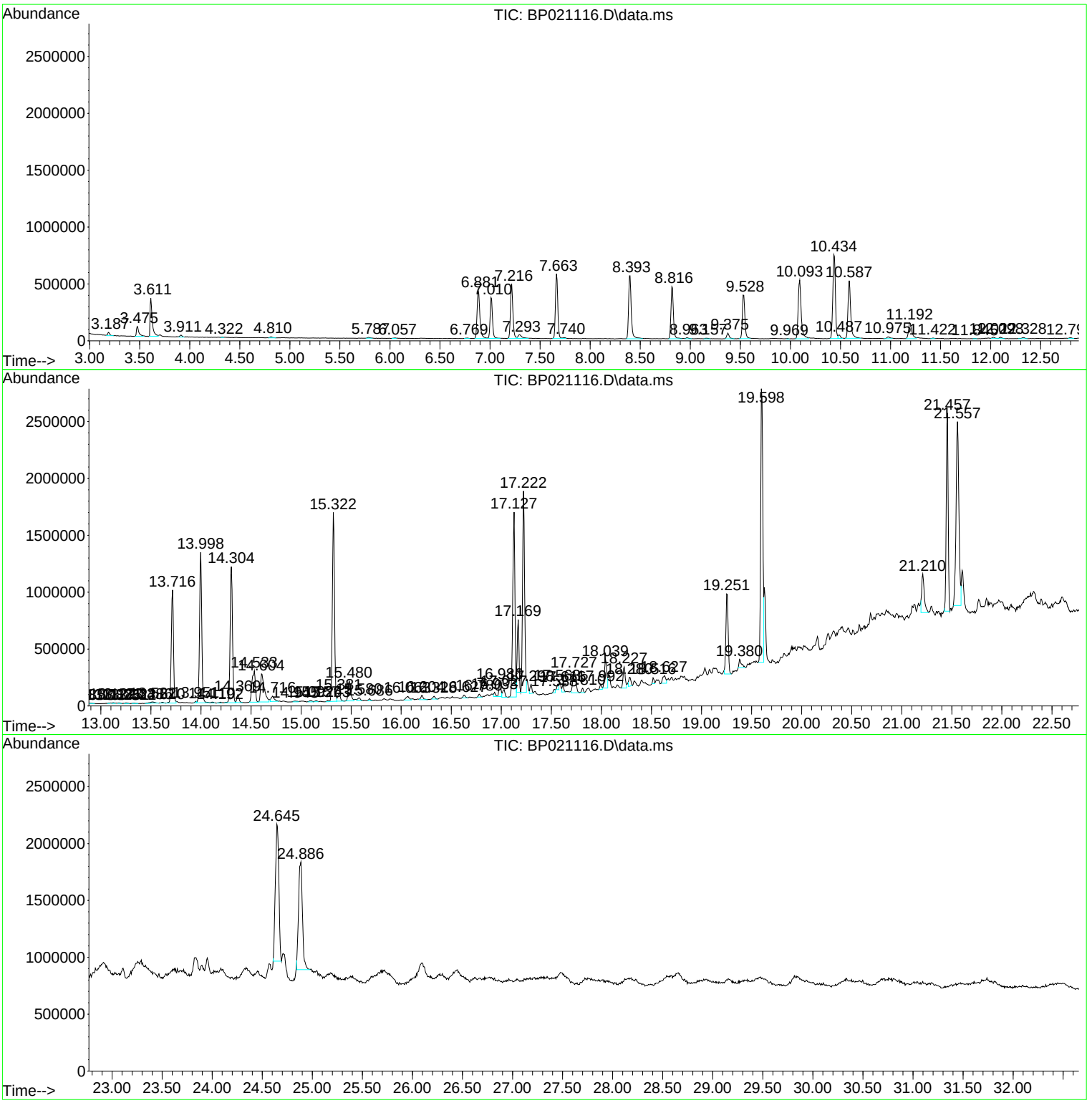
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP072324\
Data File : BP021116.D
Acq On : 24 Jul 2024 03:17
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

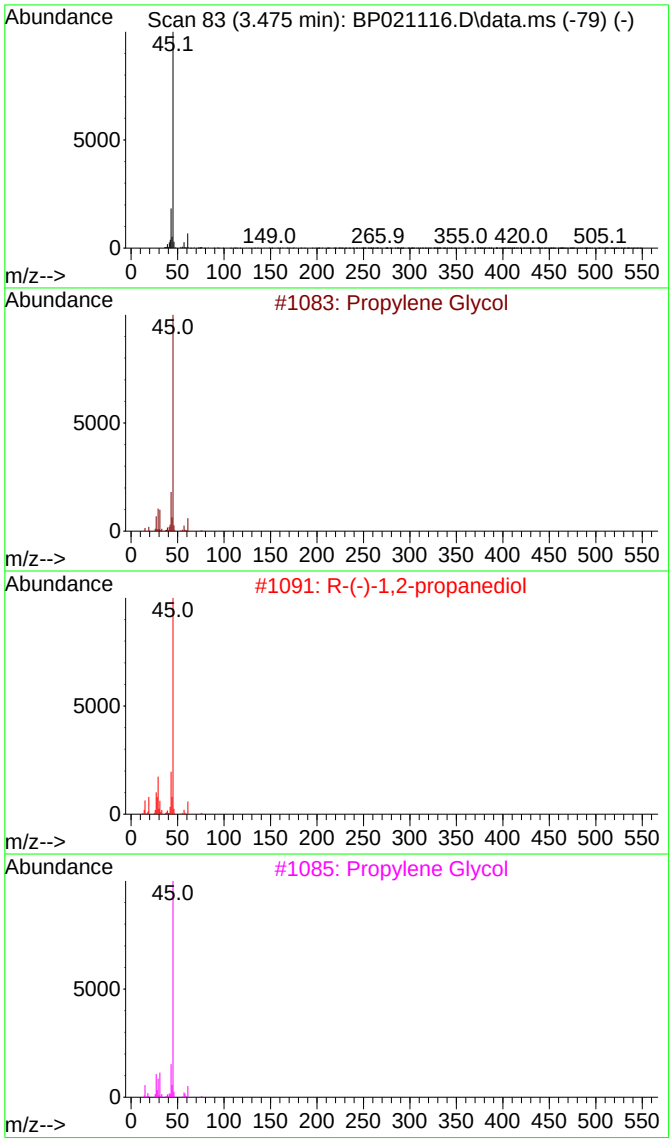
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

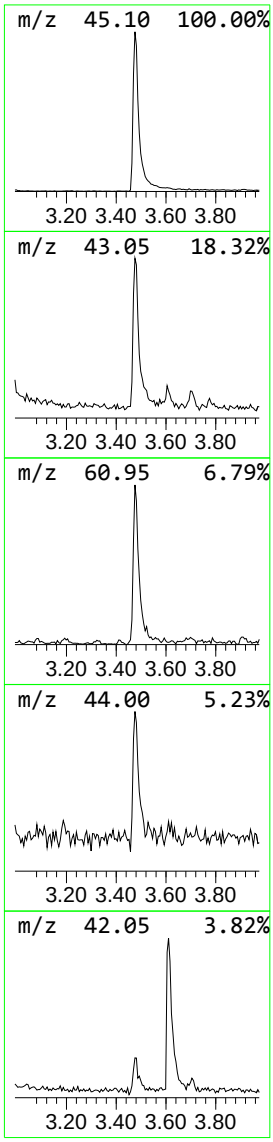
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.475	3.16 ng/ul	143973	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Propylene Glycol	76	C3H8O2	000057-55-6	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021116.D
Acq On : 24 Jul 2024 03:17
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

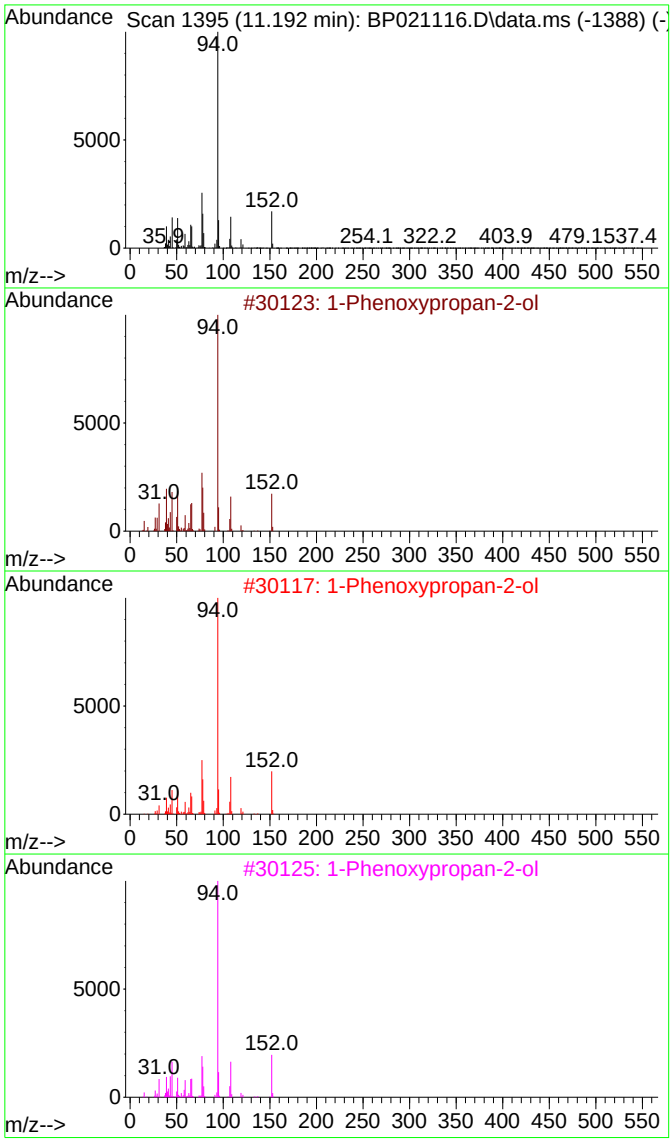
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

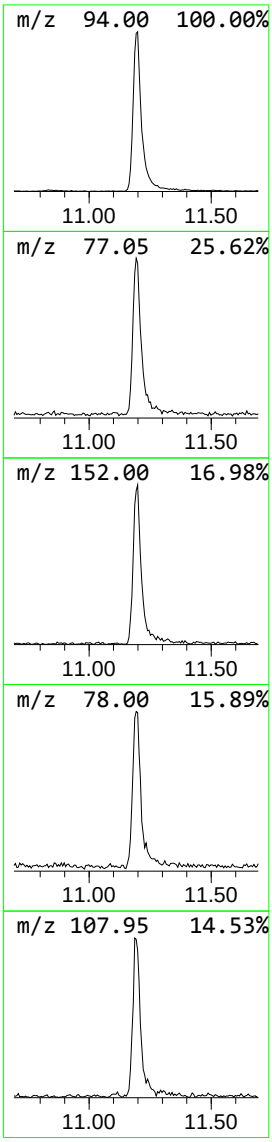
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.193	4.89 ng/ul	326803	Naphthalene-d8	10.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87





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Instrument :
BNA_P
ClientSampleId :
A4BF0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

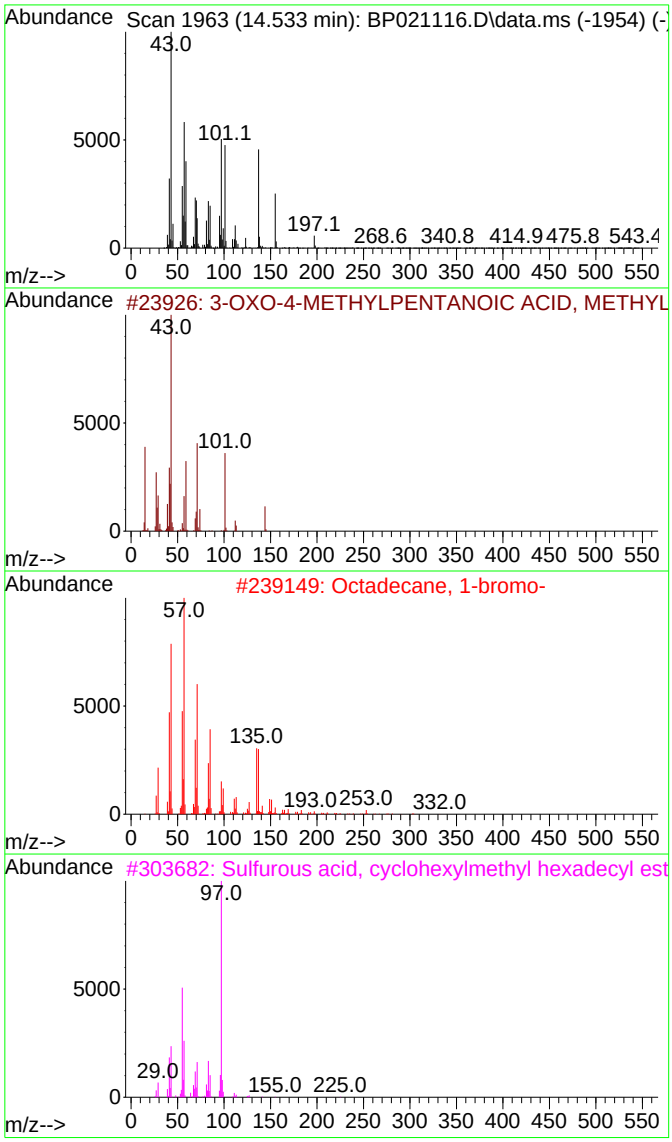
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

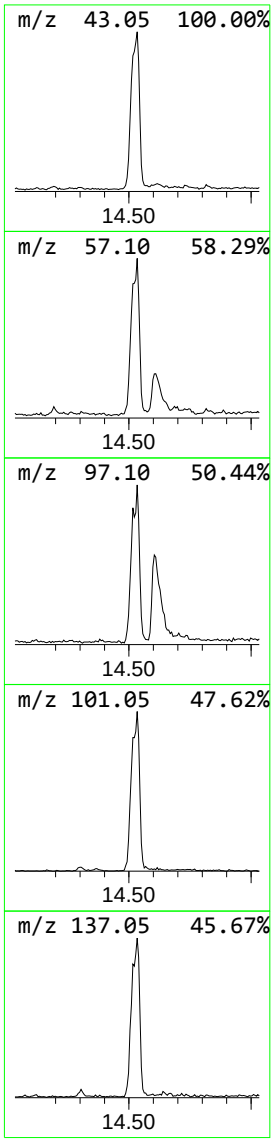
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.534	6.49 ng/ul	617458	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-OXO-4-METHYLPENTANOIC ACID, ME...	144	C7H12O3	042558-54-3	12
2	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	11
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	10
4	1'-Methyl-1,4'-bipiperidin-4-amine	197	C11H23N3	1038974-36-5	10
5	2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	10





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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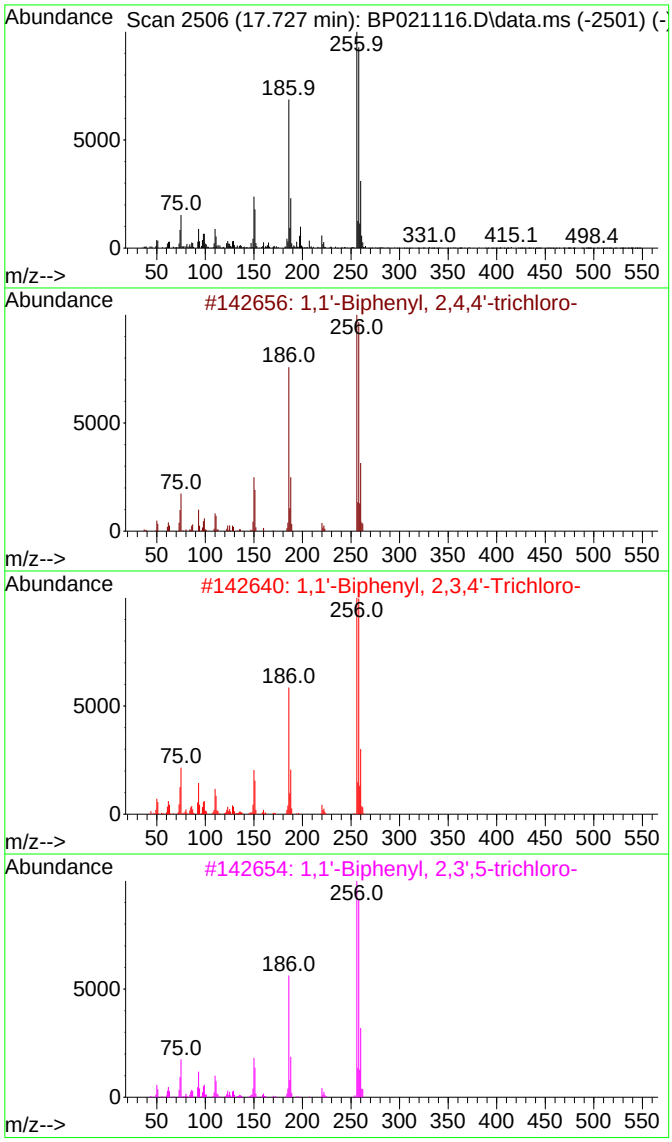
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

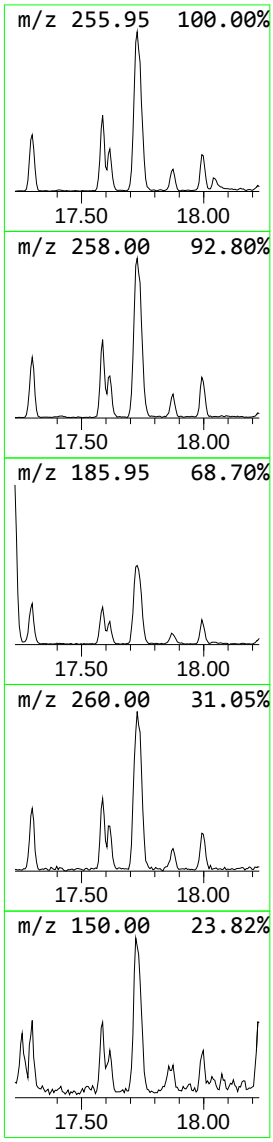
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	3.38 ng/ul	422561	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98
4	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	97
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97





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Data File : BP021116.D
Acq On : 24 Jul 2024 03:17
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

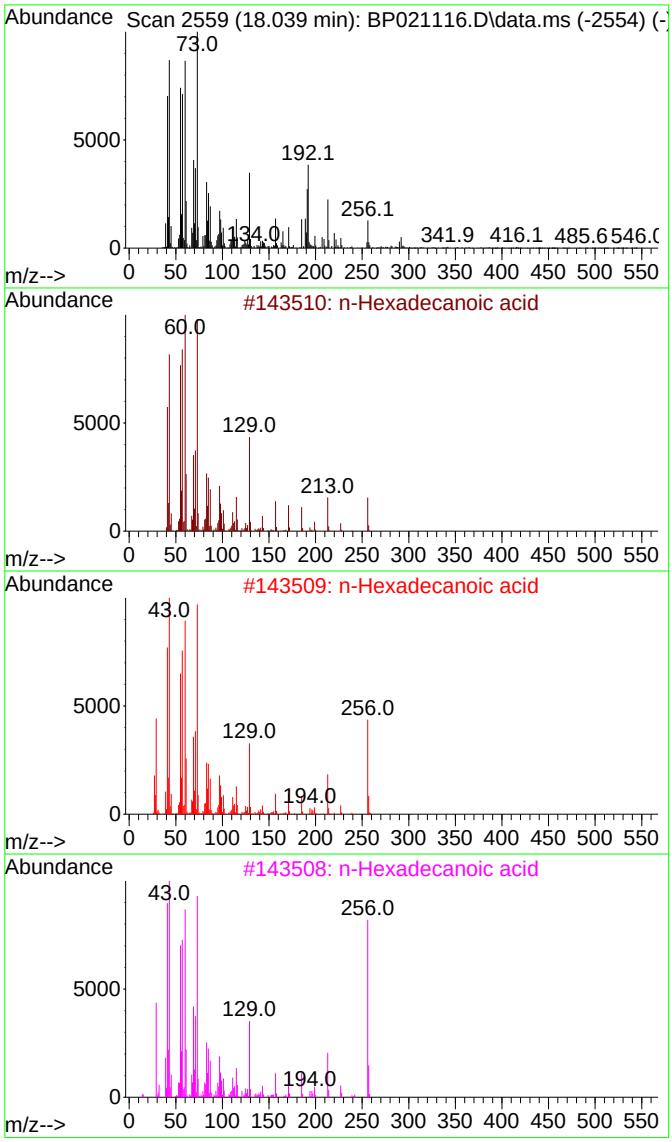
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

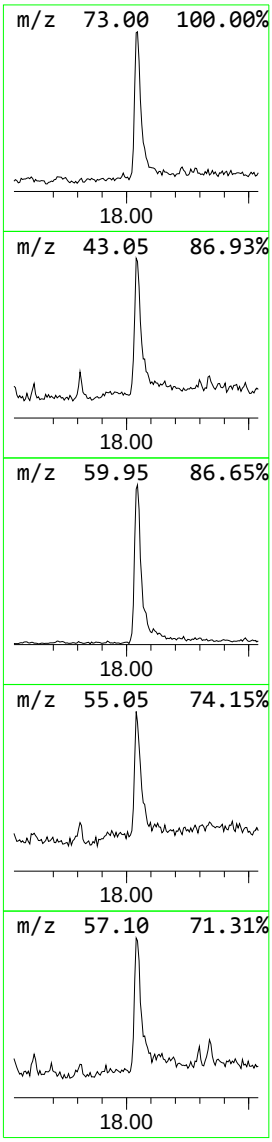
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	3.33 ng/ul	416016	Phenanthrene-d10	17.128

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	99
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

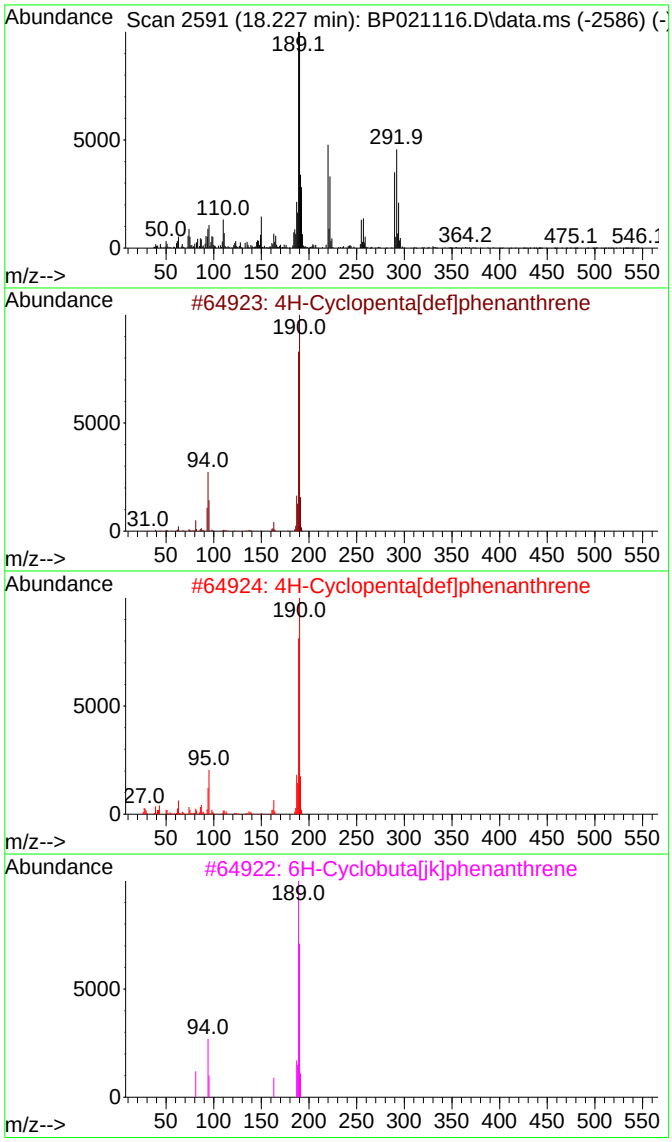
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

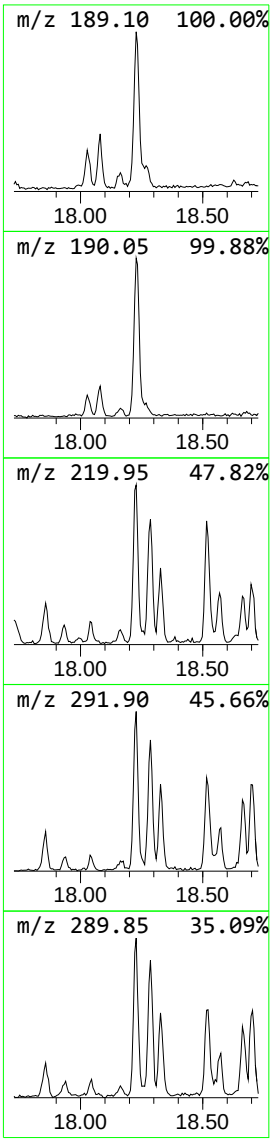
****

Peak Number 6 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	2.32 ng/ul	290094	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	2,4,5-Trifluoro-3-methoxybenzoic...	220	C9H7F3O3	136897-64-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021116.D
Acq On : 24 Jul 2024 03:17
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

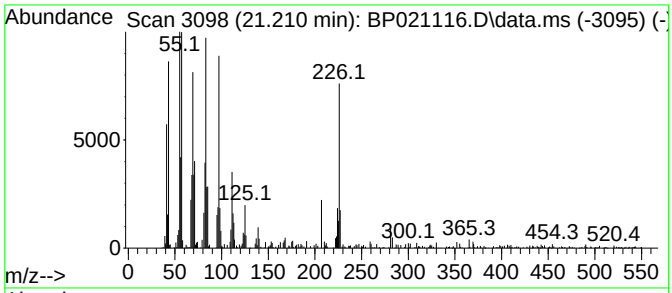
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

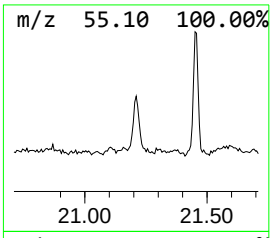
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

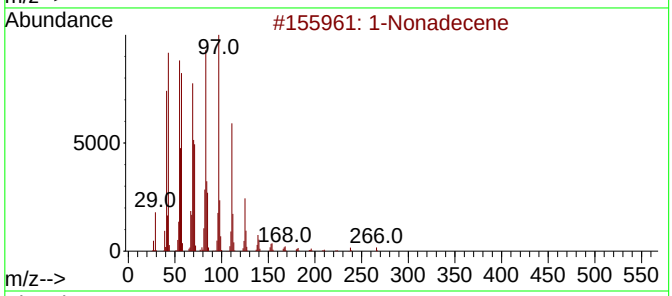
****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

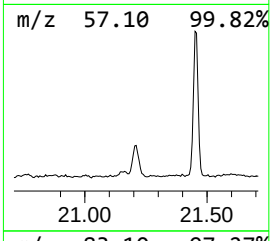
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	3.71 ng/ul	594356	Chrysene-d12	21.557

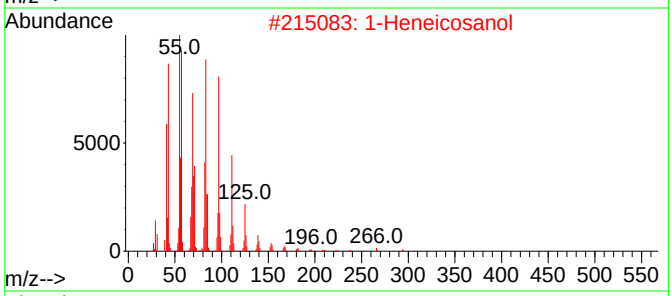
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	92
4	Nonacos-1-ene	406	C29H58	018835-35-3	89
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	86

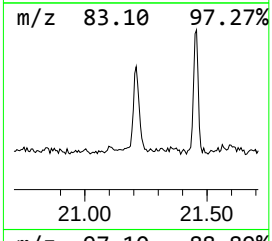


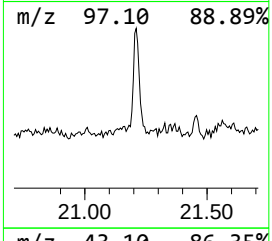


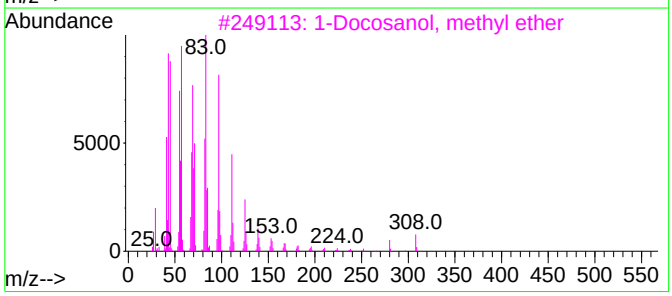


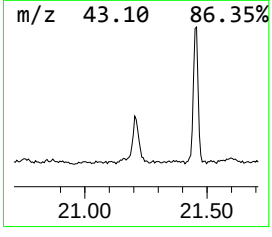












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021116.D
Acq On : 24 Jul 2024 03:17
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
Propylene Glycol	3.475	3.2	ng/ul	143973	1	7.663	910062	20.0
1-Phenoxypropan...	11.193	4.9	ng/ul	326803	2	10.434	1335770	20.0
unknown-01	14.534	6.5	ng/ul	617458	3	14.304	1901790	20.0
1,1'-Biphenyl, ...	17.727	3.4	ng/ul	422561	4	17.128	2499380	20.0
n-Hexadecanoic ...	18.039	3.3	ng/ul	416016	4	17.128	2499380	20.0
unknown-02	18.227	2.3	ng/ul	290094	4	17.128	2499380	20.0
(DEL) Alkane: S...	21.210	3.7	ng/ul	594356	5	21.557	3207170	20.0