LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\Methods\8270-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141185.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	557	567	586	rVB2	1411154	2438954	4.74%	0.624%
2	6.434	729	738	743	rBV2	1078198	1728397	3.36%	0.442%
3	6.810	797	802	808	rBV	773744	989966	1.92%	0.253%
4	6.881	808	814	825	rBV	2069341	3189701	6.20%	0.816%
5	7.375	889	898	907	rBV	2345748	3541805	6.89%	0.906%
6	7.587	907	934	940	rBV	1209752	5806330	11.29%	1.485%
7	8.028	1001	1009	1016	rBV2	416661	956390	1.86%	0.245%
8	8.093	1016	1020	1026	rVB	949359	1281918	2.49%	0.328%
9	8.681	1116	1120	1126	rVV3	455992	877302	1.71%	0.224%
10	8.840	1142	1147	1150	rVV	611215	851650	1.66%	0.218%
11	9.016	1172	1177	1182	rVB	462331	687272	1.34%	0.176%
12	9.175	1194	1204	1209	rBV	4521235	6599828	12.83%	1.688%
13	9.251	1212	1217	1221	rVV2	372964	584996	1.14%	0.150%
14	9.687	1284	1291	1302	rVB	2418774	3522441	6.85%	0.901%
15	9.787	1303	1308	1313	rVV	1096868	1390739	2.70%	0.356%
16	9.851	1313	1319	1322	rVV	1075311	1489829	2.90%	0.381%
17	9.881	1322	1324	1334	rVB	597111	659184	1.28%	0.169%
18	10.022	1342	1348	1353	rBV	4382560	5823145	11.32%	1.490%
19	10.087	1354	1359	1367	rVV	795322	1291219	2.51%	0.330%
20	10.275	1387	1391	1397	rBV	880289	1245494	2.42%	0.319%
21	10.551	1433	1438	1444	rBV2	649046	1165203	2.27%	0.298%
22	10.639	1448	1453	1458	rVB	1554183	1991468	3.87%	0.509%
23	10.763	1466	1474	1478	rBV	1417130	2070503	4.03%	0.530%
24	10.892	1488	1496	1497	rBV	6582161	10896883	21.19%	2.788%
25	10.922	1497	1501	1504	rVV	10837157	21502557	41.81%	5.501%
26	10.951	1504	1506	1517	rVB3	9481340	22119186	43.00%	5.658%
27	11.075	1523	1527	1532	rVB	294614	541834	1.05%	0.139%
28	11.245	1539	1556	1564	rBV	12864704	32780539	63.73%	8.386%
29	11.304	1564	1566	1569	rVV2	602258	816458	1.59%	0.209%
30	11.345	1569	1573	1588	rVB	1054704	1893233	3.68%	0.484%
31	11.639	1617	1623	1630	rVB	1268537	2040564	3.97%	0.522%
32	11.739	1635	1640	1645	rBV	2112587	2712198	5.27%	0.694%
33	11.810	1646	1652	1655	rBV	4711376	7295687	14.18%	1.866%
34	11.904	1664	1668	1673	rVB	1613055	2491307	4.84%	0.637%
35	12.016	1682	1687	1690	rBV	2643044	4072070	7.92%	1.042%
36	12.081	1690	1698	1705	rVV	12829732	34003892	66.11%	8.699%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\Methods\8270-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.133	1705	1707	1709	rVV	854238	1021016	1.99%	0.261%
38	12.175	1709	1714	1727	rVB2	3024517	7314858	14.22%	1.871%
39	12.433	1750	1758	1760	rBV	4152582	6592689	12.82%	1.687%
40	12.533	1771	1775	1780	rBV	2078434	2798147	5.44%	0.716%
41	12.616	1785	1789	1791	rBV3	550128	824805	1.60%	0.211%
42	12.710	1797	1805	1807	rBV2	7690052	15438942	30.02%	3.950%
43	12.798	1814	1820	1823	rBV	8548989	15712570	30.55%	4.019%
44	12.833	1823	1826	1832	rVB	8290010	12728111	24.75%	3.256%
45	12.886	1832	1835	1839	rVB	2901648	3580140	6.96%	0.916%
46	12.939	1839	1844	1847	rBV	3609048	5914240	11.50%	1.513%
47	13.163	1879	1882	1889	rVB2	404619	579099	1.13%	0.148%
48	13.251	1893	1897	1905	rVV	675573	1014578	1.97%	0.260%
49	13.480	1933	1936	1943	rBV2	599874	1130613	2.20%	0.289%
50	13.551	1944	1948	1951	rVV	712169	1169063	2.27%	0.299%
51	13.604	1954	1957	1965	rVV	778902	1422584	2.77%	0.364%
52	13.722	1967	1977	1985	rVB	5140459	13855432	26.94%	3.544%
53	13.845	1993	1998	2006	rBV	1624524	2252285	4.38%	0.576%
54	13.945	2012	2015	2018	rBV	449179	595845	1.16%	0.152%
55	13.986	2018	2022	2028	rVB	703731	1010873	1.97%	0.259%
56	14.163	2047	2052	2059	rVB2	1176488	2203720	4.28%	0.564%
57	14.374	2084	2088	2091	rBV	561116	894578	1.74%	0.229%
58	14.469	2100	2104	2111	rVB	766073	1099891	2.14%	0.281%
59	14.751	2147	2152	2161	rVB	1038624	1856049	3.61%	0.475%
60	15.145	2211	2219	2226	rBV2	407028	998746	1.94%	0.255%
61	15.451	2262	2271	2276	rVB	768688	1589195	3.09%	0.407%
62	16.016	2362	2367	2386	rVB3	273217	873201	1.70%	0.223%
63	16.374	2420	2428	2457	rVB	2853184	6390091	12.42%	1.635%
64	17.027	2532	2539	2547	rBV	244249	709058	1.38%	0.181%
65	17.133	2550	2557	2584	rVB	375438	1365023	2.65%	0.349%
66	17.527	2606	2624	2633	rBV3	6817308	33188983	64.53%	8.490%
67	18.368	2730	2767	2790	rBV	6507927	51434072	100.00%	13.158%

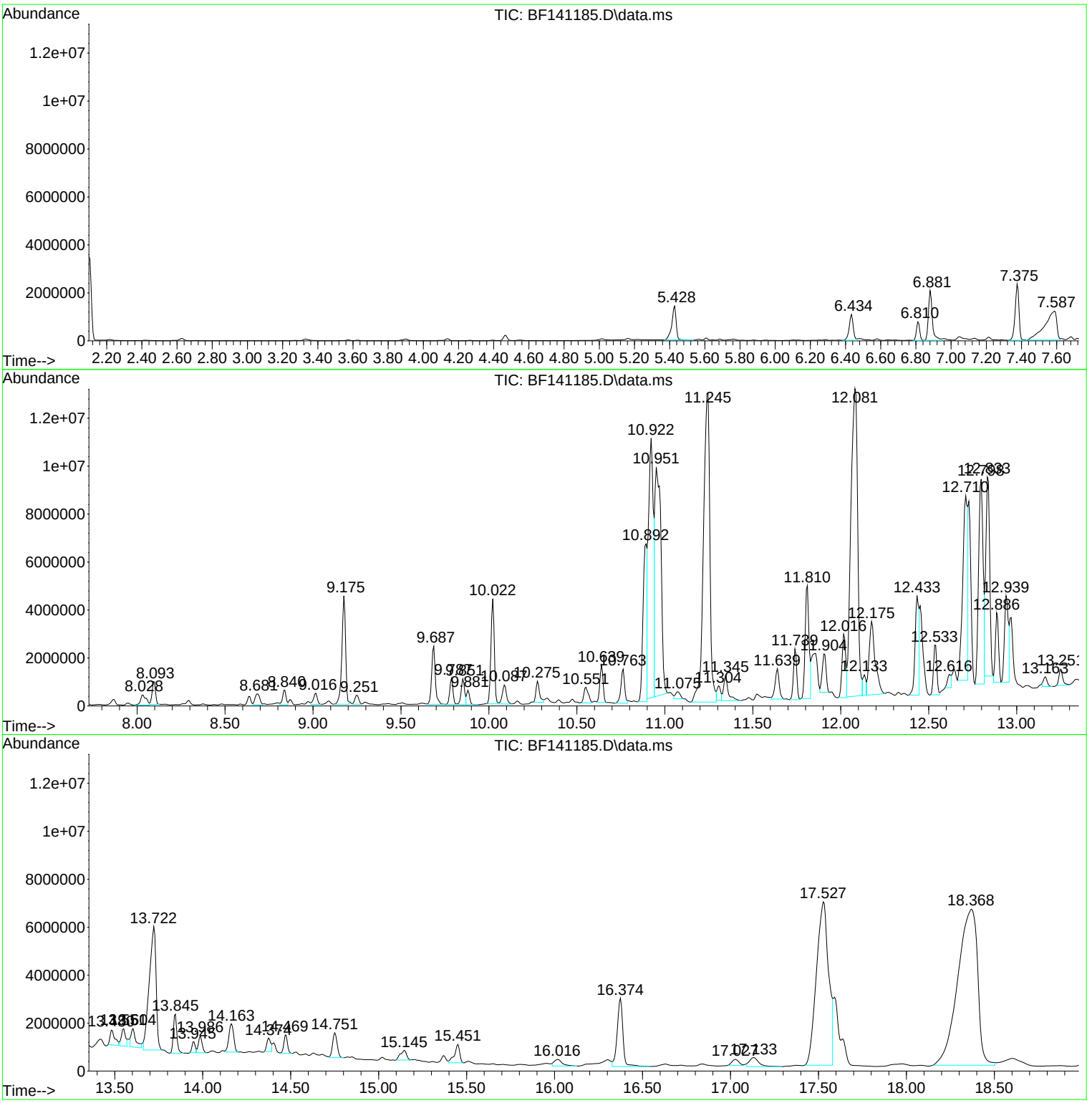
Sum of corrected areas: 390908639

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

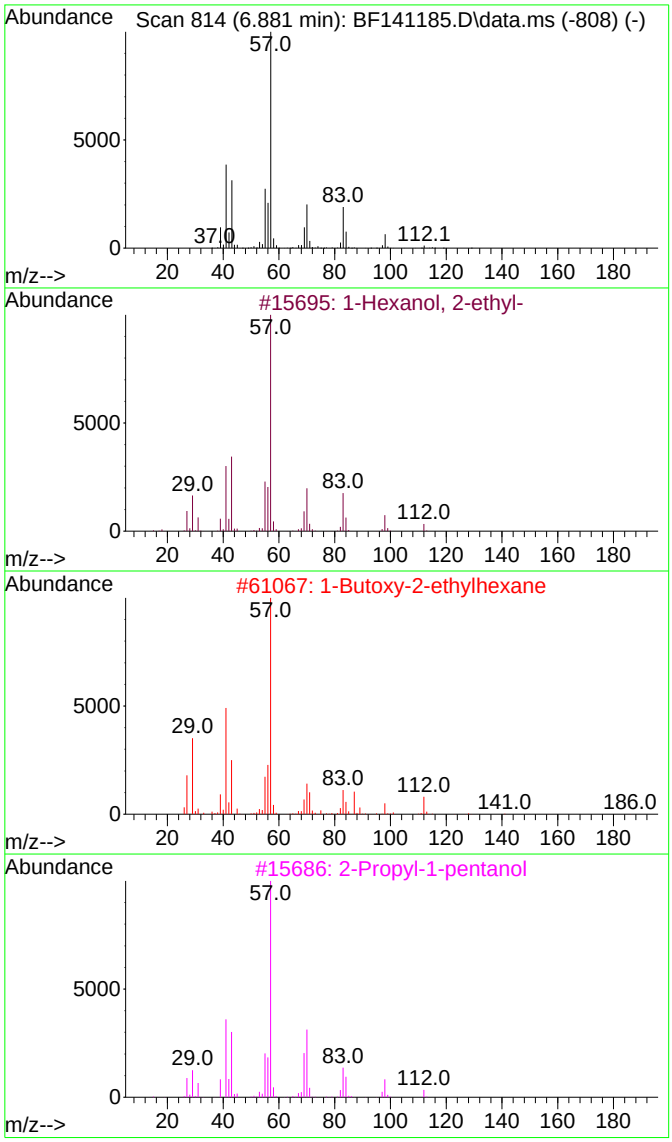
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

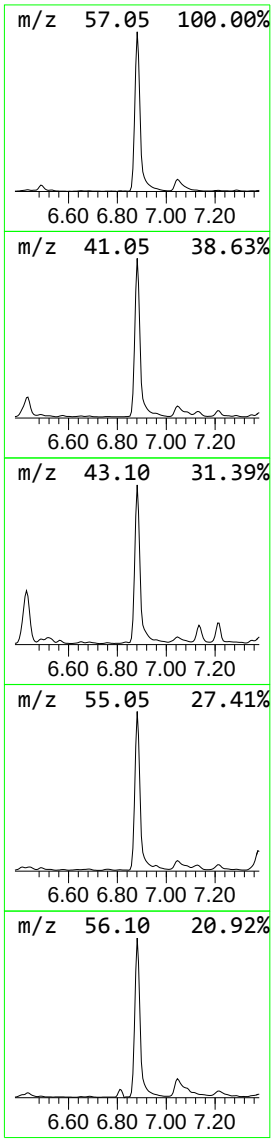
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.881	64.44 ng	3189700	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	74
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

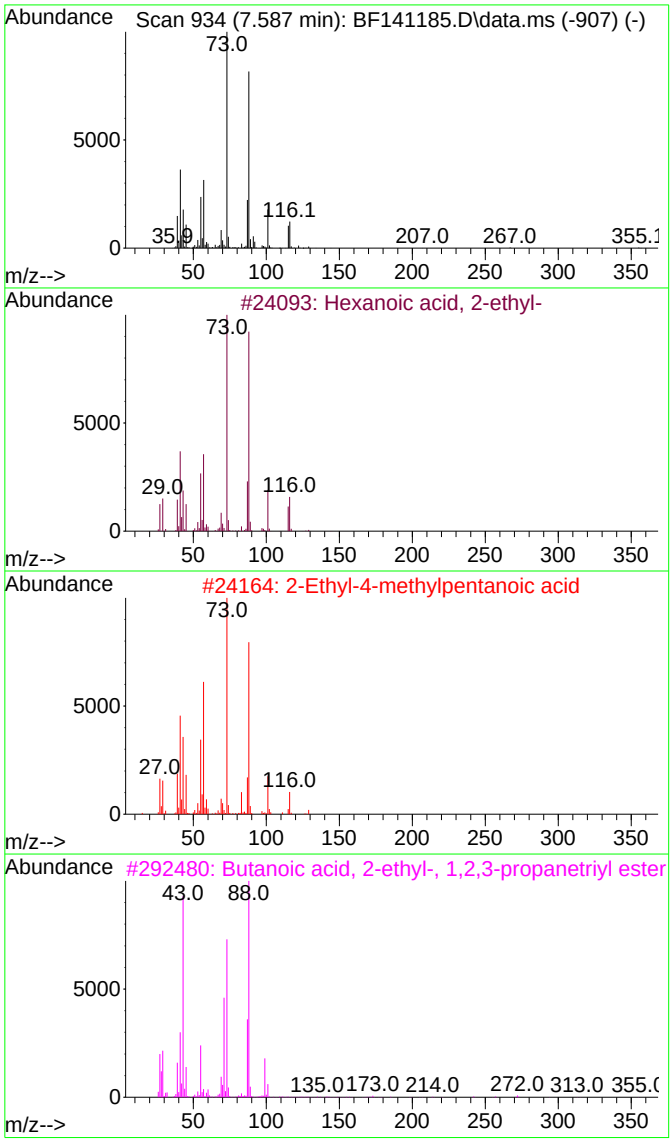
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

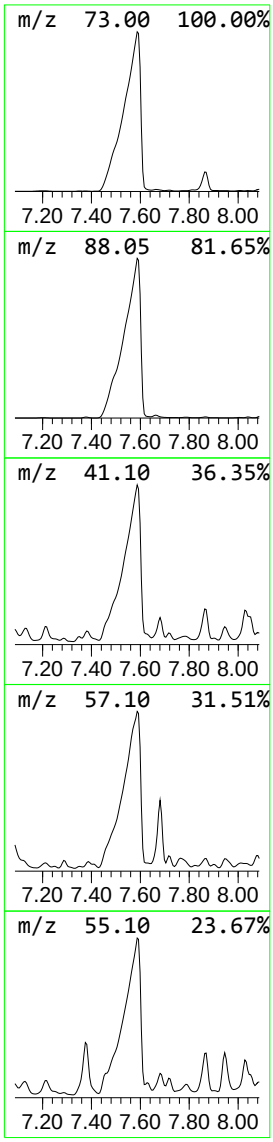
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.587	90.59 ng	5806330	Naphthalene-d8	8.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	56
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
4	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

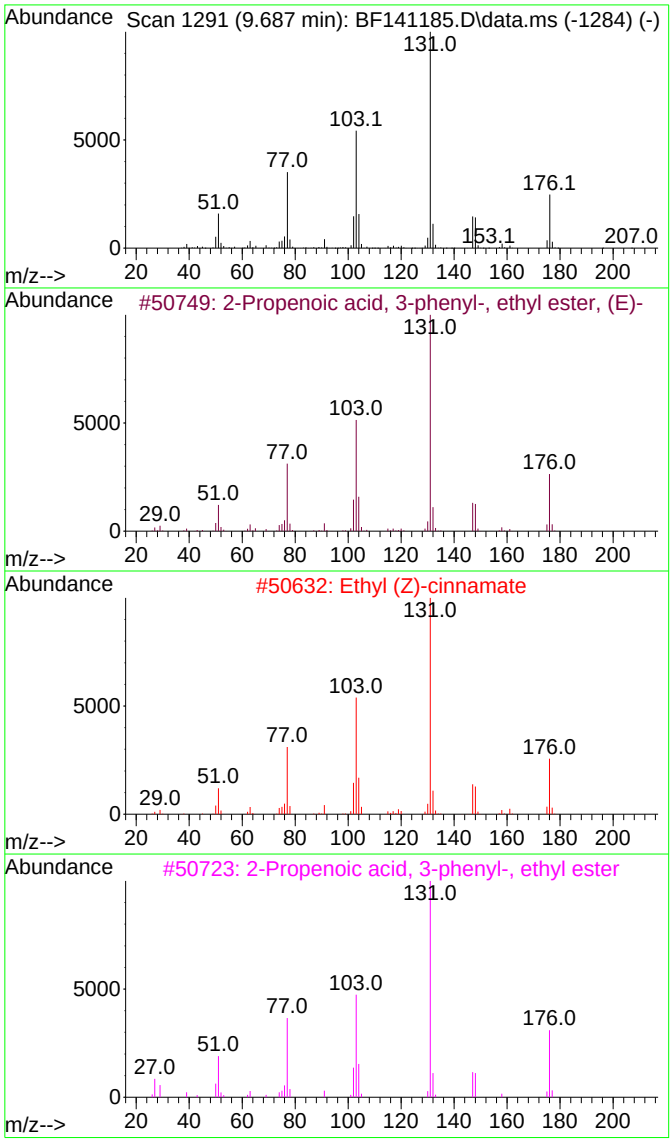
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

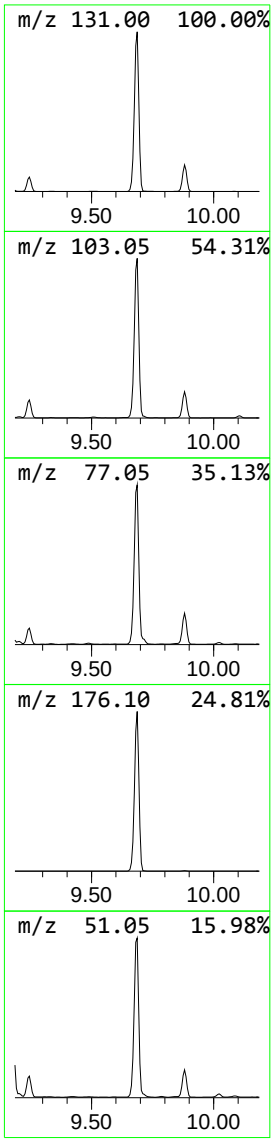
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propenoic acid, 3-phenyl-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.687	47.29 ng	3522440	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	98
2	Ethyl (Z)-cinnamate	176	C11H12O2	004610-69-9	98
3	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	97
4	3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	87
5	2-Propenoic acid, 3-phenyl-, cyc...	230	C15H18O2	007779-17-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

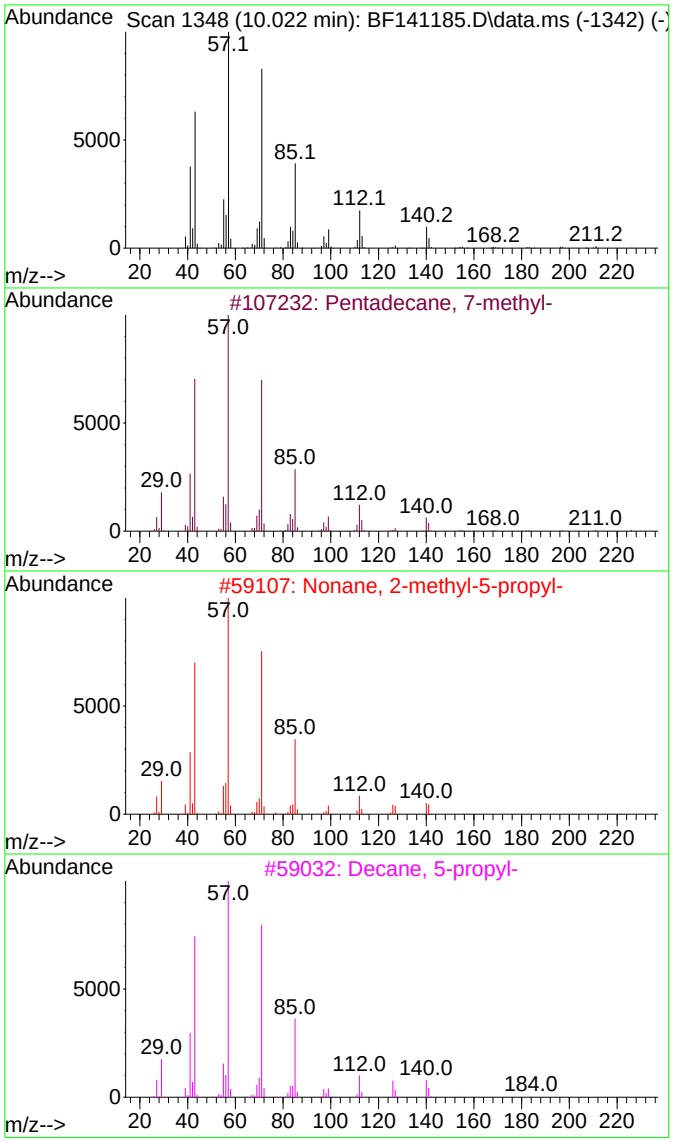
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

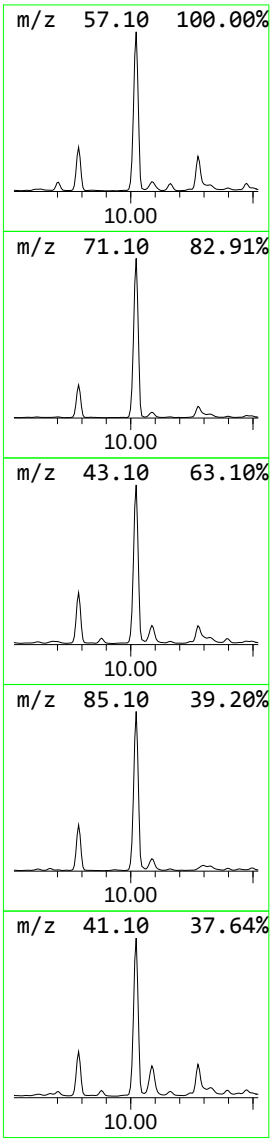
****

Peak Number 4 Pentadecane, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	78.17 ng	5823150	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	90
3	Decane, 5-propyl-	184	C13H28	017312-62-8	90
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

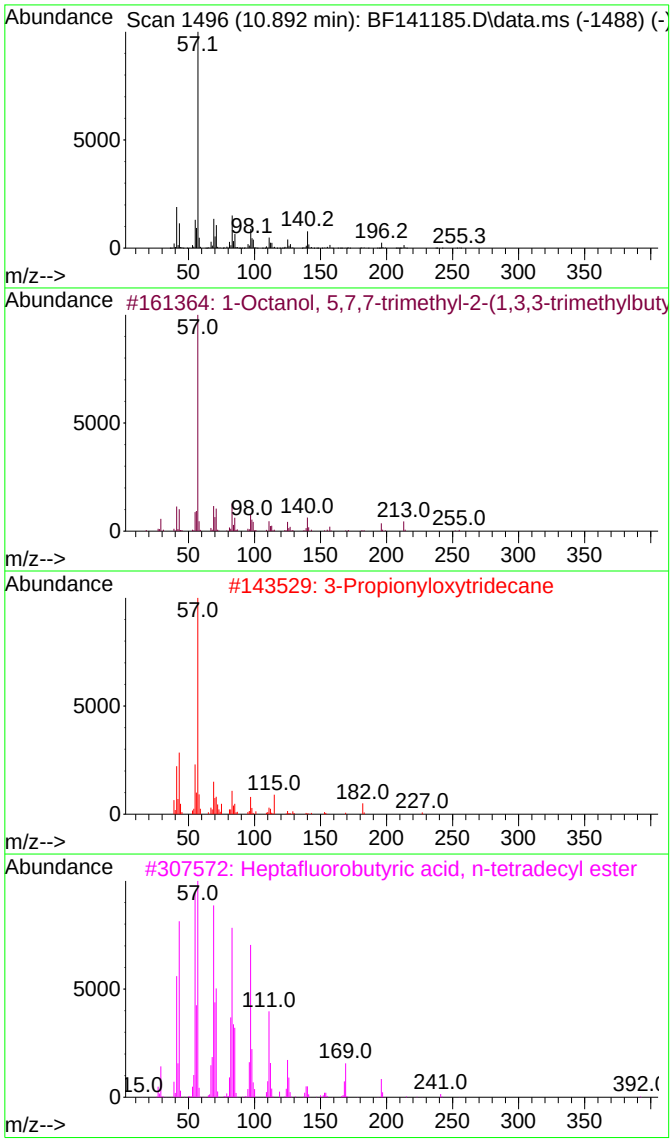
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

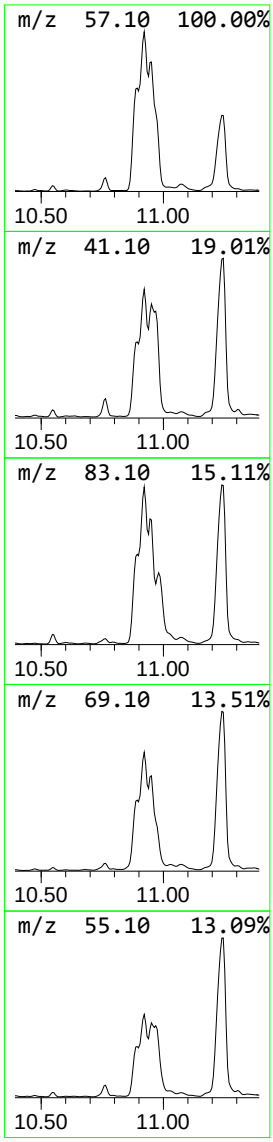
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	115.11 ng	10896900	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	86
2	3-Propionyloxytridecane	256	C16H32O2	1000245-62-5	59
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	53
4	1-Hentetracontanol	593	C41H84O	040710-42-7	53
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

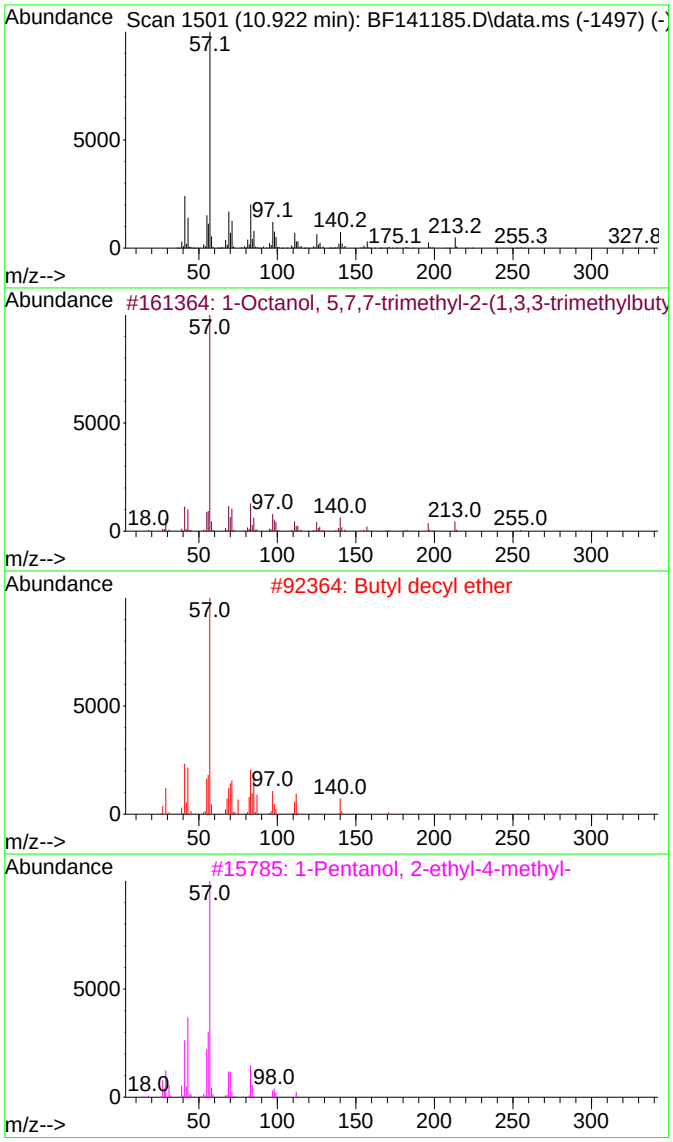
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

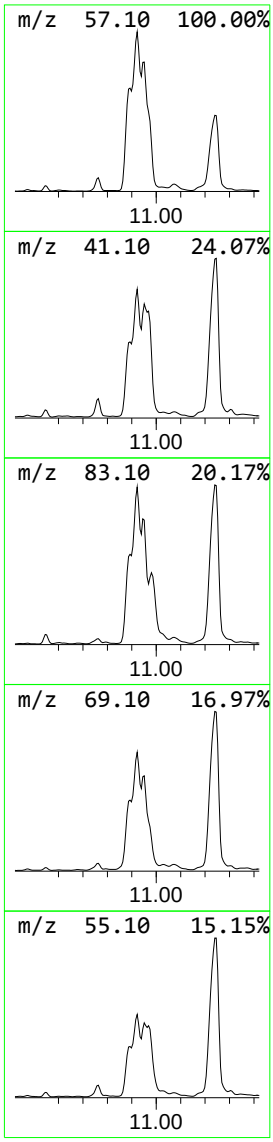
****

Peak Number 6 Butyl decyl ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	227.15 ng	21502600	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	83
2	Butyl decyl ether	214	C14H30O	1000406-40-2	72
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4	1-Hexacosene	364	C26H52	018835-33-1	43
5	1-Tetracosene	336	C24H48	010192-32-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

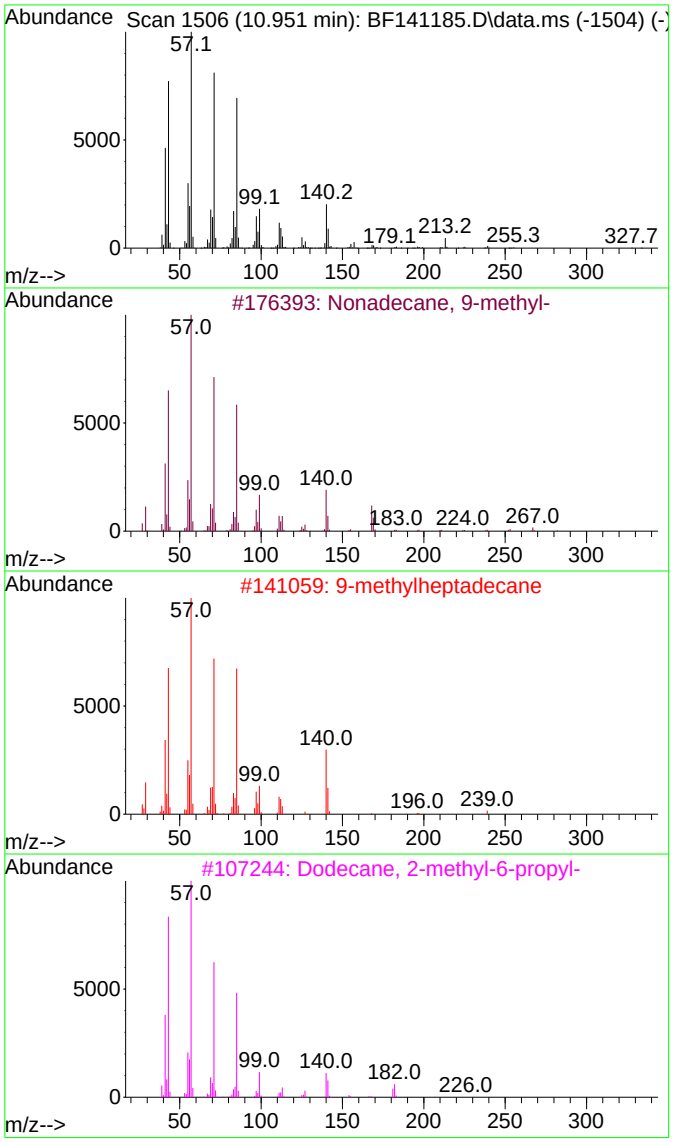
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

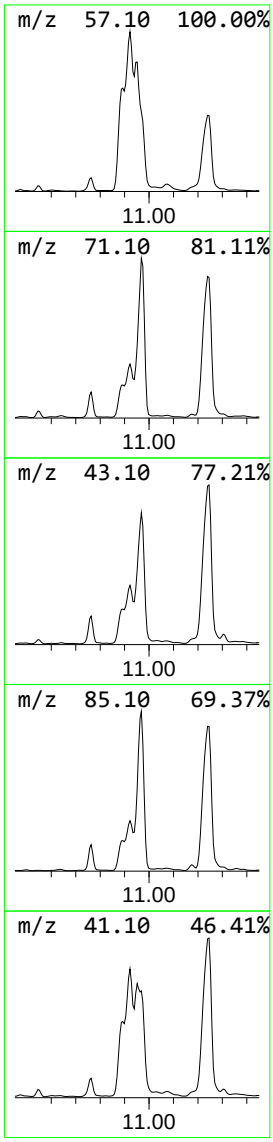
****

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.951	233.67 ng	22119200	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2	9-methylheptadecane	254	C18H38	026741-18-4	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Hentriacontane	437	C31H64	000630-04-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

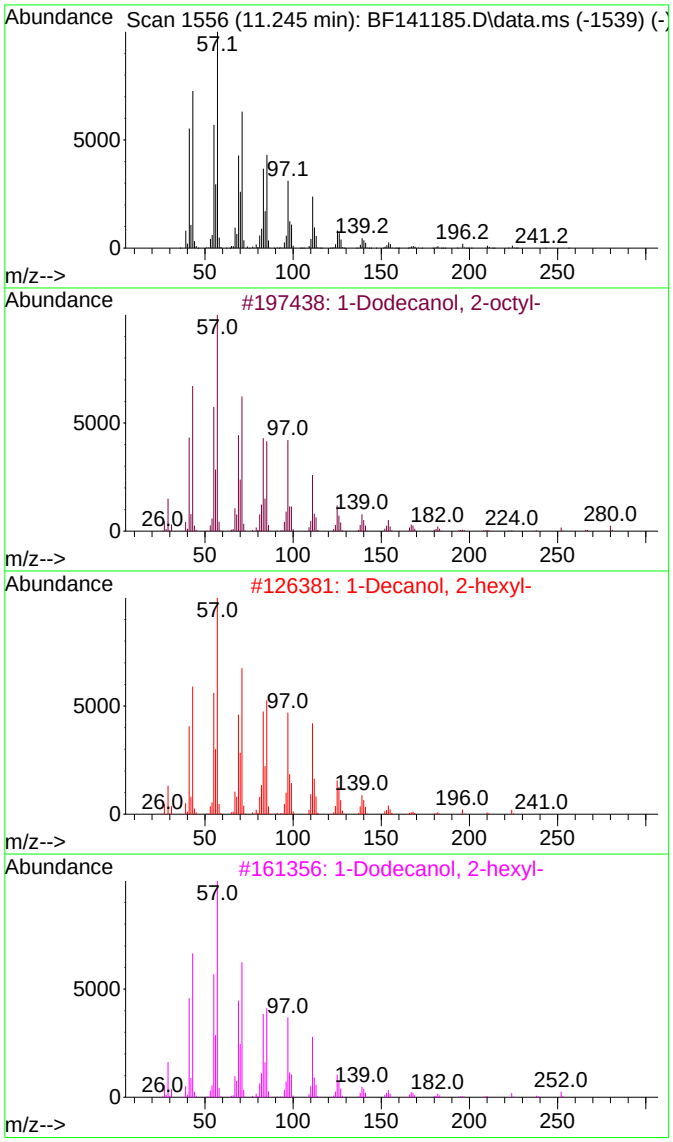
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

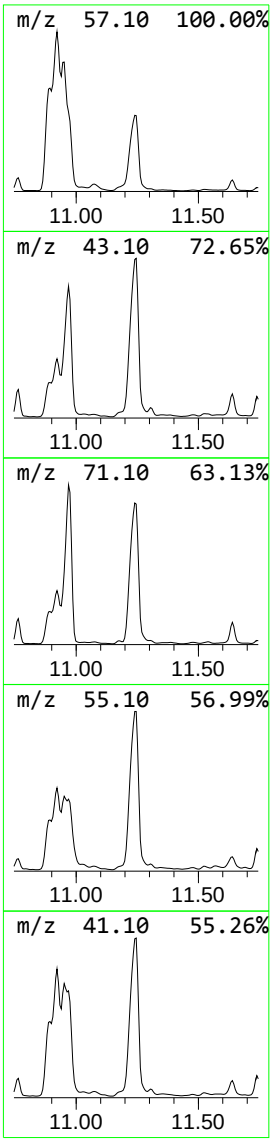
****

Peak Number 8 1-Dodecanol, 2-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	346.29 ng	32780500	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

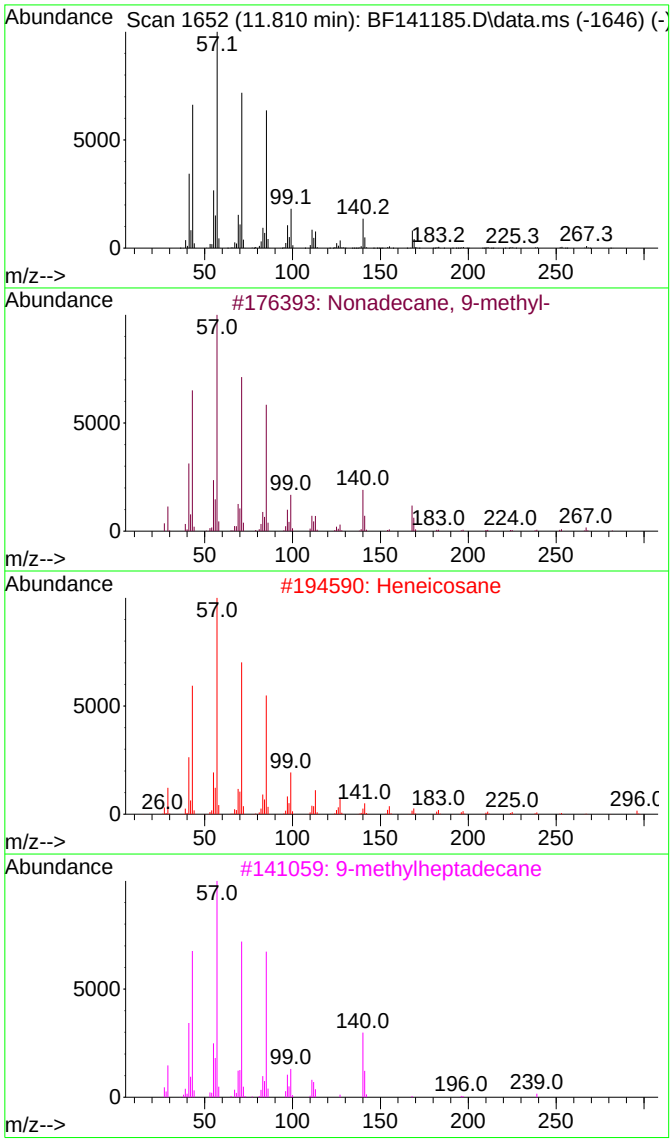
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

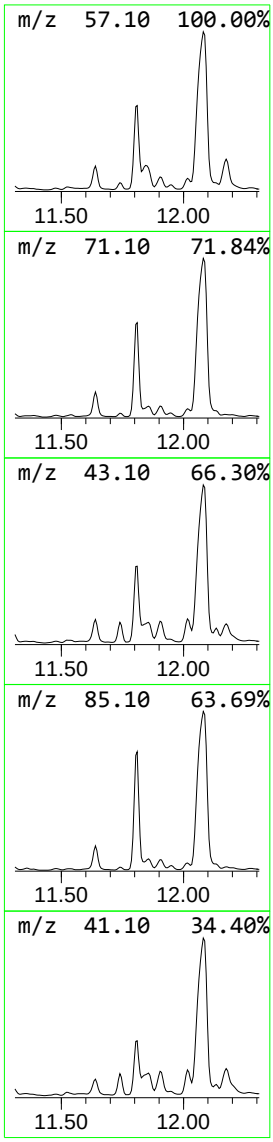
****

Peak Number 9 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	77.07 ng	7295690	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2	Heneicosane	296	C21H44	000629-94-7	74
3	9-methylheptadecane	254	C18H38	026741-18-4	72
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

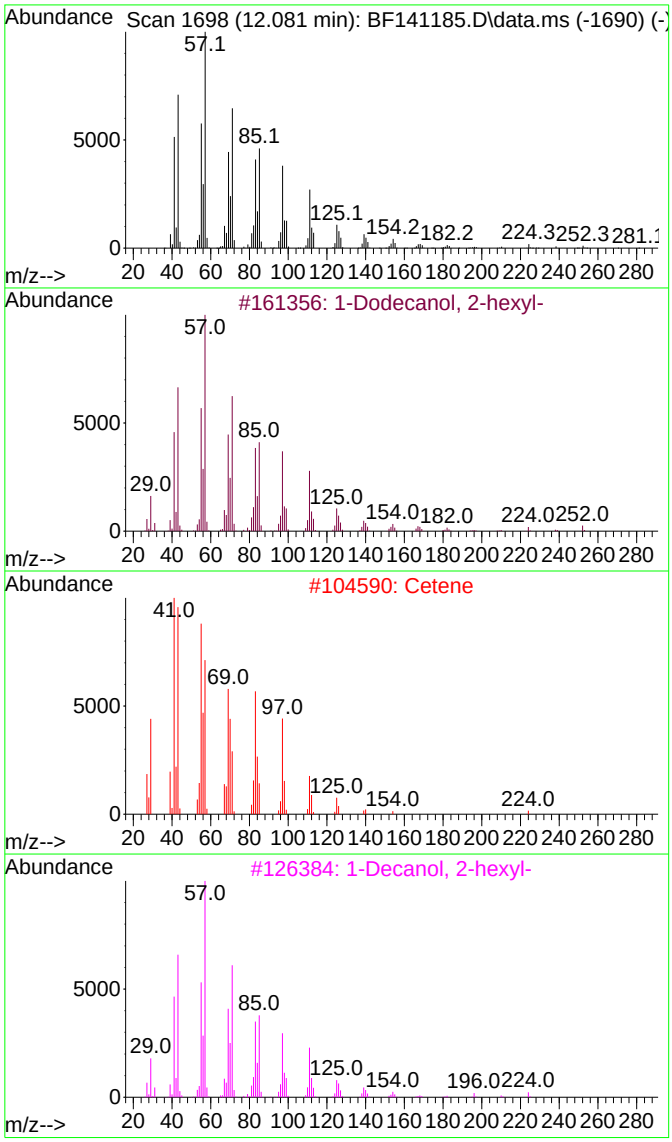
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

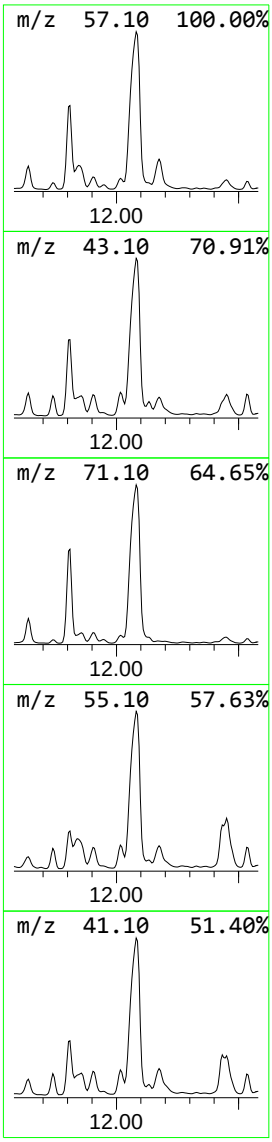
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Dodecanol, 2-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	359.21 ng	34003900	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	94
2	Cetene	224	C16H32	000629-73-2	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

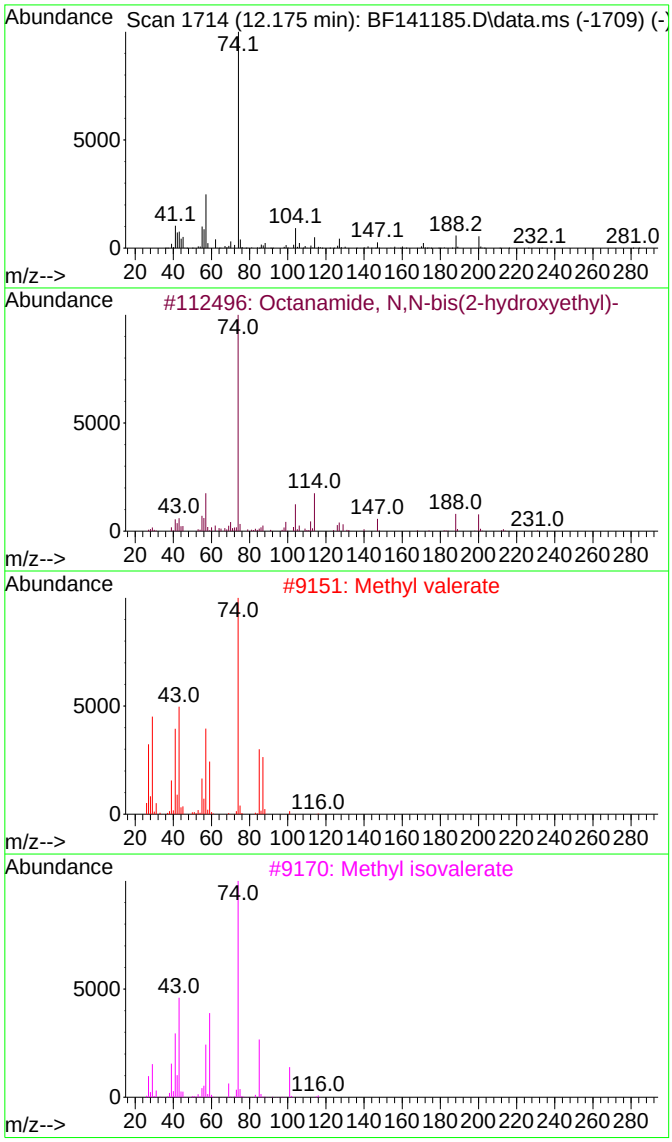
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

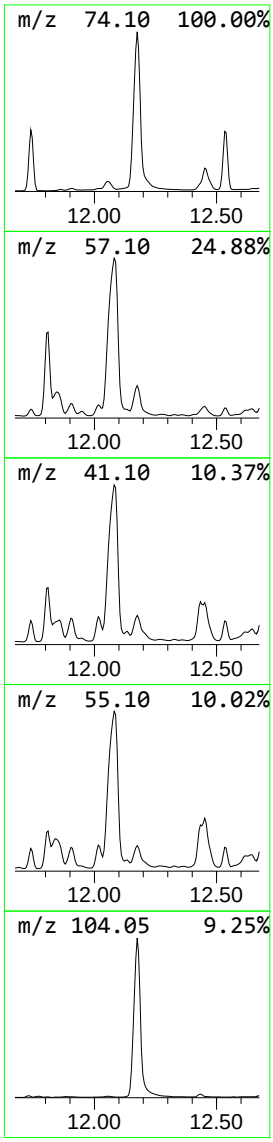
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Octanamide, N,N-bis(2-hydro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	77.27 ng	7314860	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanamide, N,N-bis(2-hydroxyeth...	231	C12H25NO3	003077-30-3	50
2	Methyl valerate	116	C6H12O2	000624-24-8	50
3	Methyl isovalerate	116	C6H12O2	000556-24-1	50
4	Propanoic acid	74	C3H6O2	000079-09-4	40
5	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

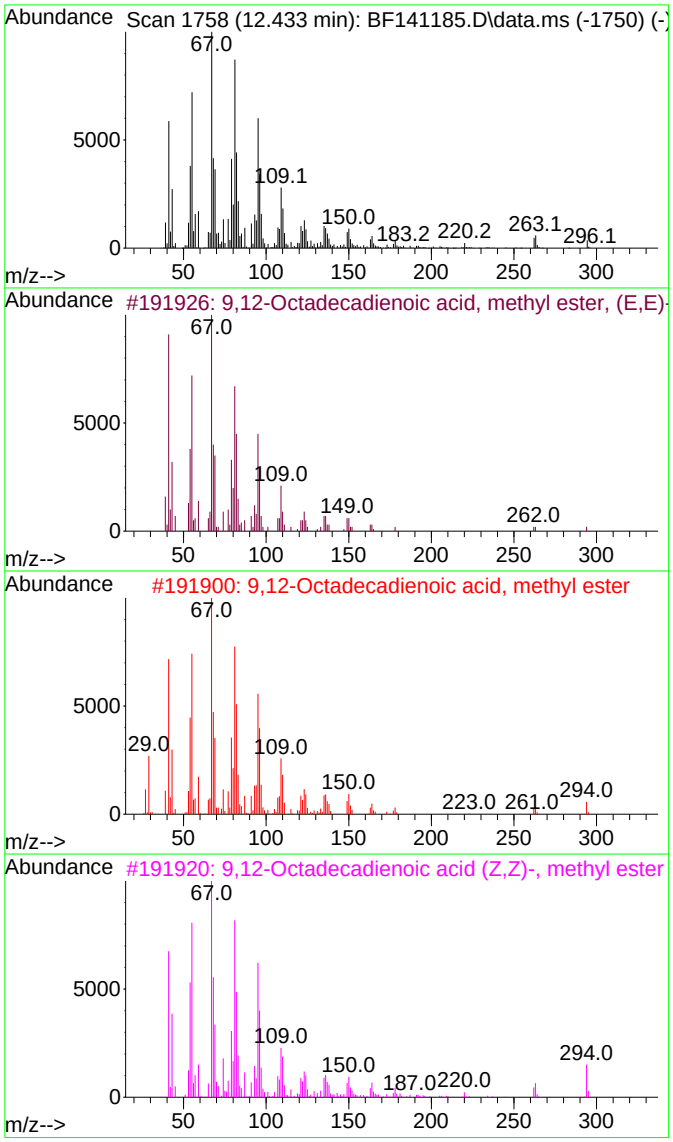
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

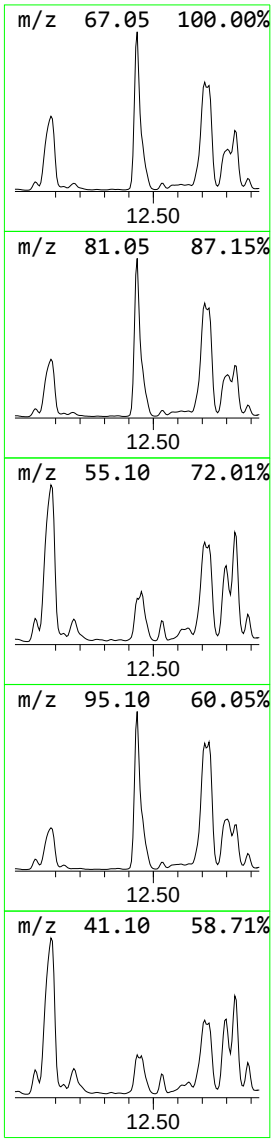
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	69.64 ng	6592690	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

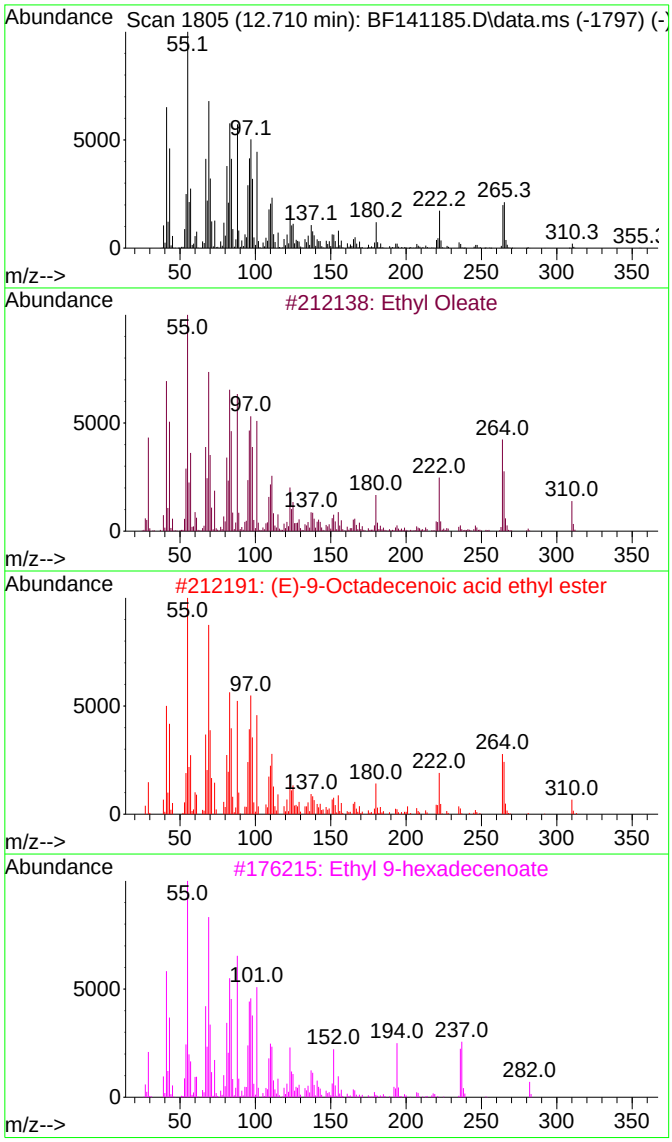
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

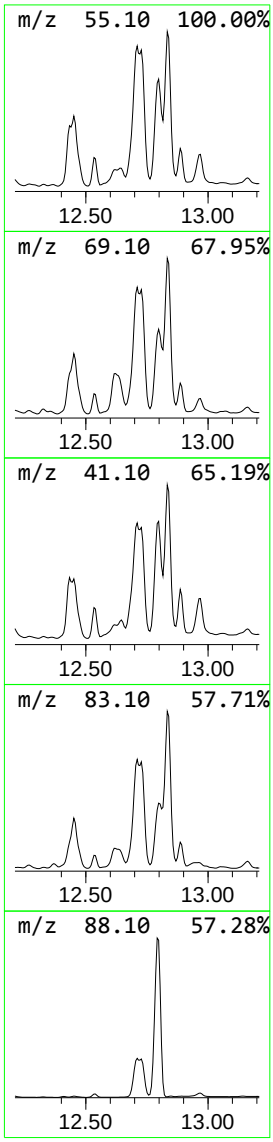
****

Peak Number 13 Ethyl Oleate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	305.46 ng	15438900	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Oleate	310	C20H38O2	000111-62-6	94
2	(E)-9-Octadecenoic acid ethyl ester	310	C20H38O2	006114-18-7	93
3	Ethyl 9-hexadecenoate	282	C18H34O2	054546-22-4	81
4	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	74
5	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

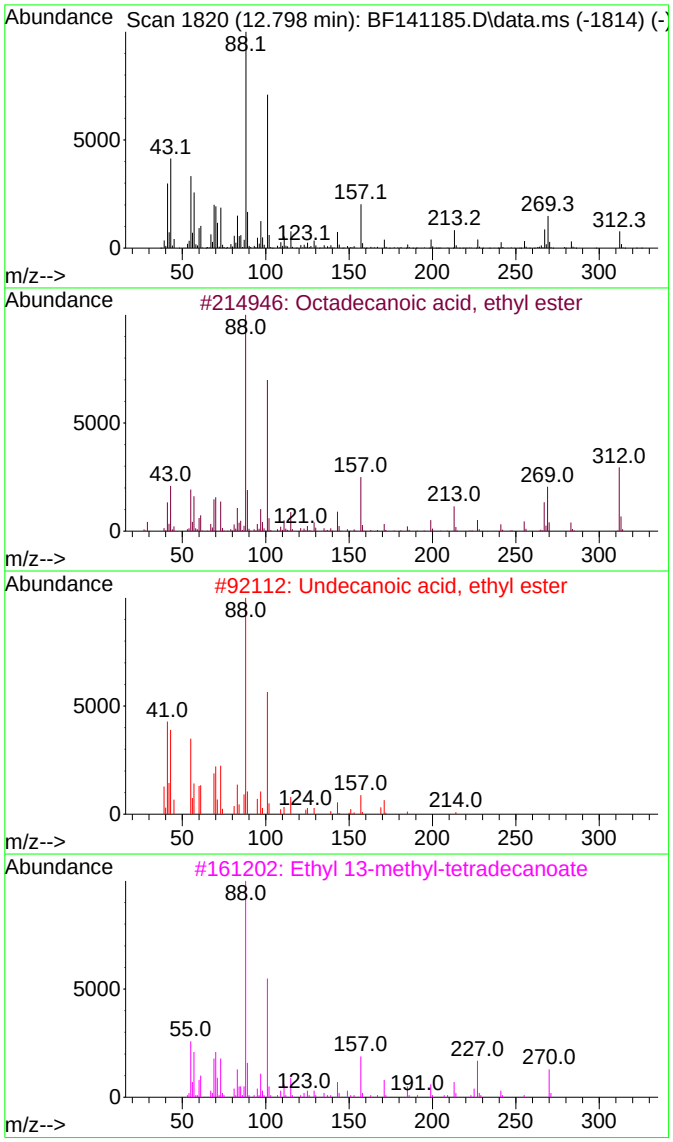
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

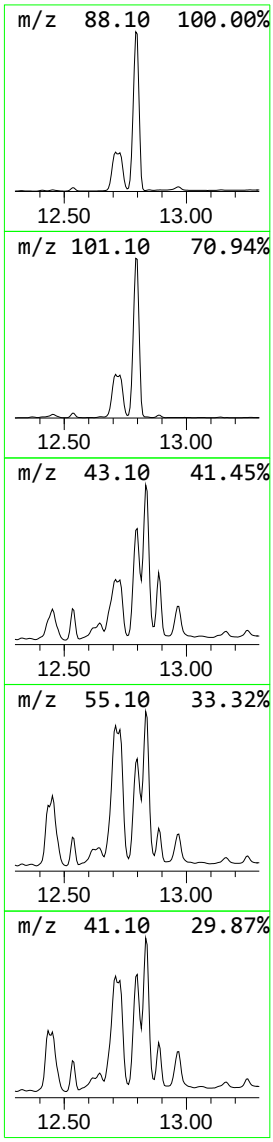
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Octadecanoic acid, ethyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	310.87 ng	15712600	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	99
2	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	90
3	Ethyl 13-methyl-tetradecanoate	270	C17H34O2	1000336-61-5	86
4	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	81
5	Eicosanoic acid, ethyl ester	340	C22H44O2	018281-05-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

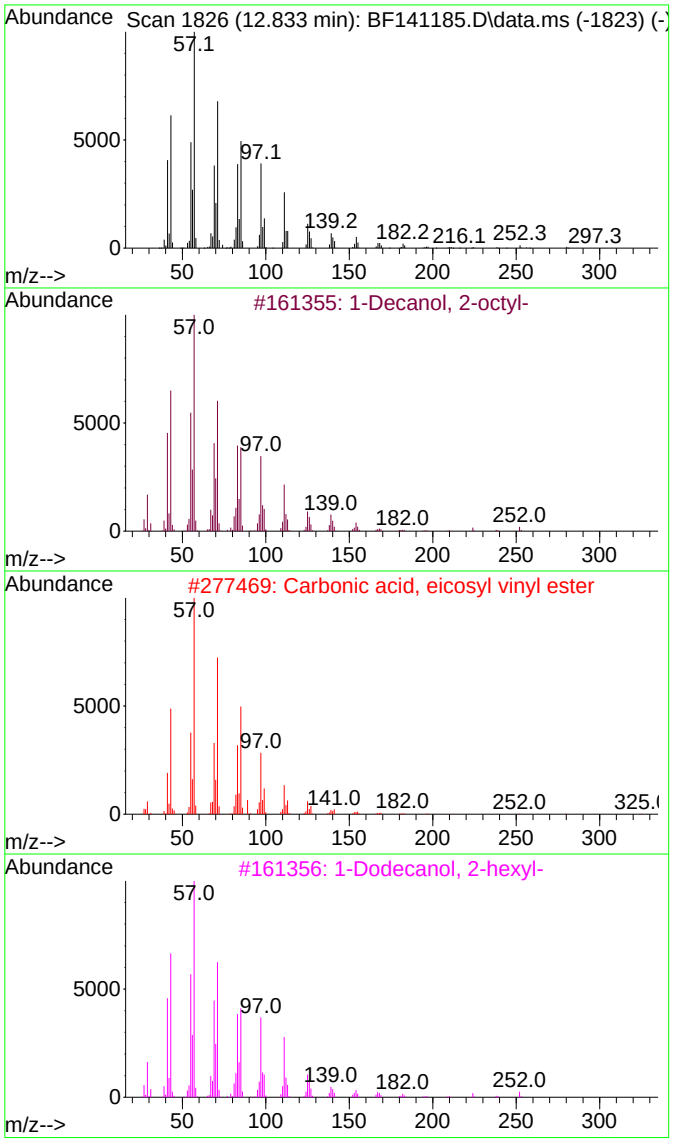
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

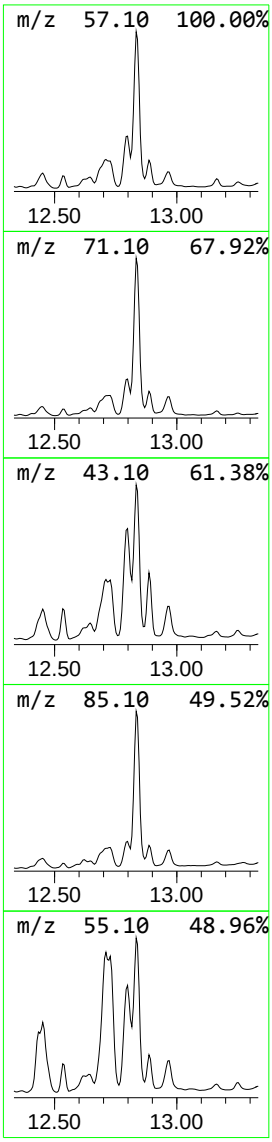
****

Peak Number 15 1-Decanol, 2-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.833	251.82 ng	12728100	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
4	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	91
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

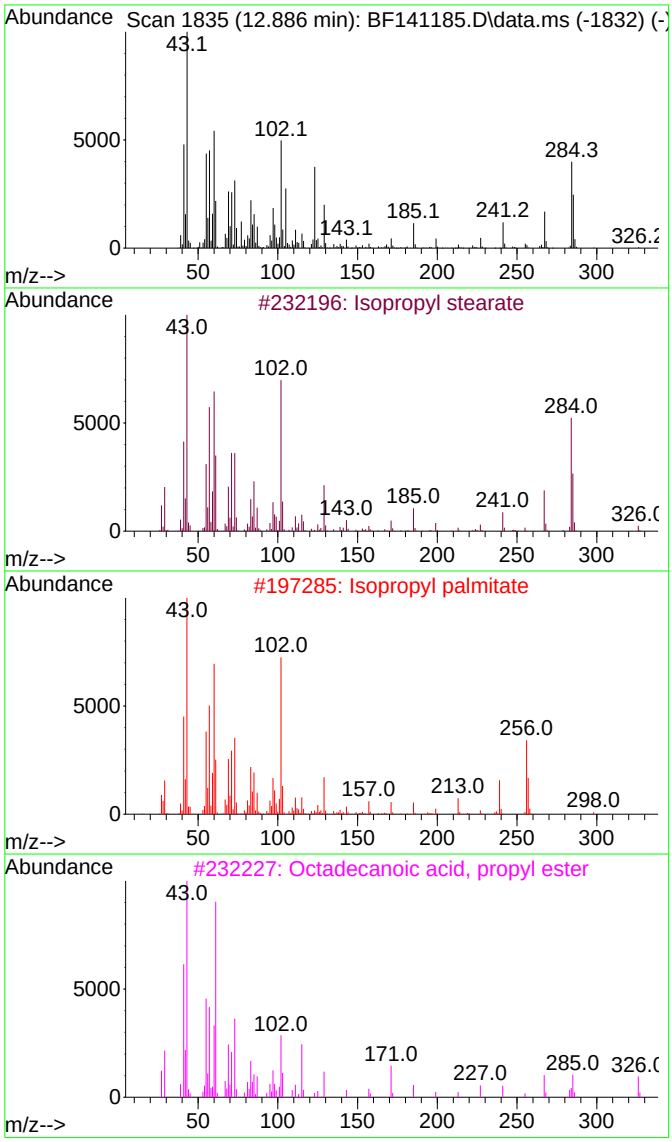
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

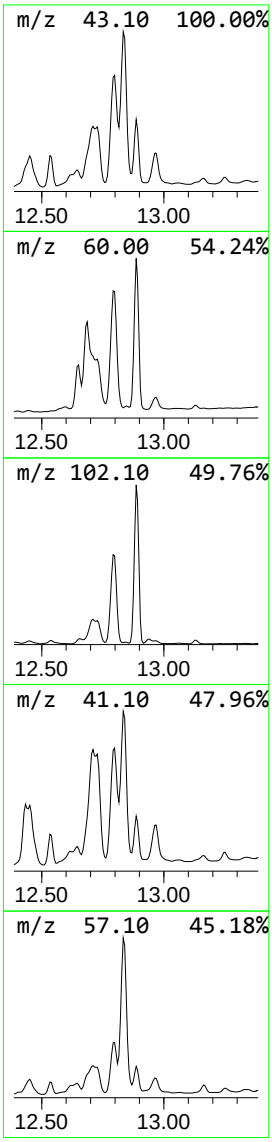
****

Peak Number 16 Isopropyl stearate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	70.83 ng	3580140	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	87
2	Isopropyl palmitate	298	C19H38O2	000142-91-6	49
3	Octadecanoic acid, propyl ester	326	C21H42O2	003634-92-2	43
4	Octadecanoic acid	284	C18H36O2	000057-11-4	30
5	Heptanoic acid, 2,2-dimethyl-6-o...	186	C10H18O3	000926-27-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

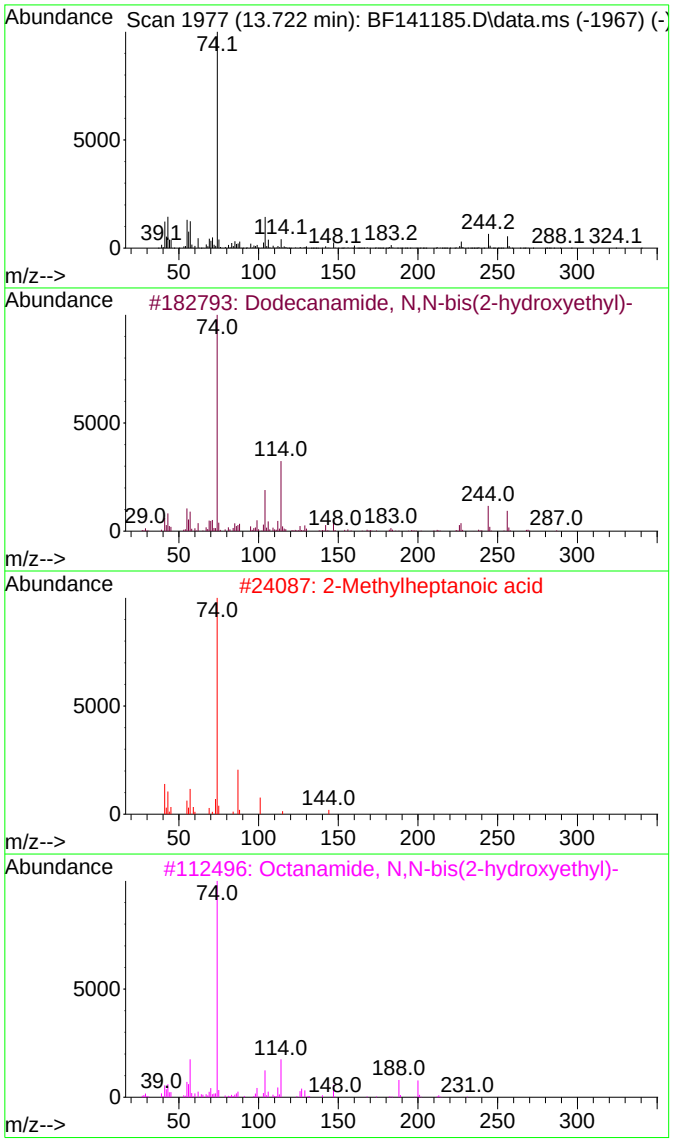
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

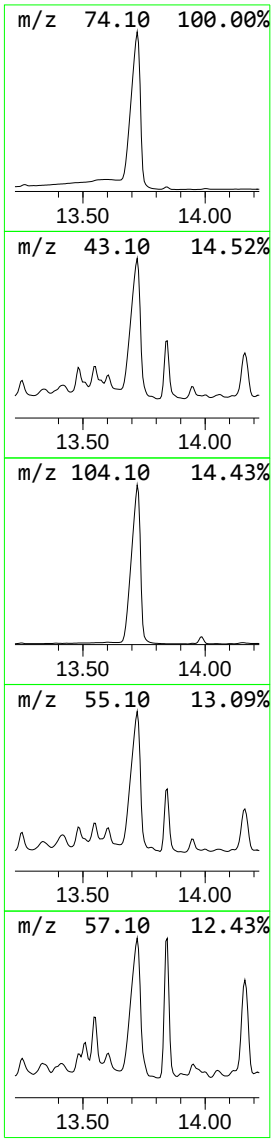
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dodecanamide, N,N-bis(2-hyd... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	274.13 ng	13855400	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide, N,N-bis(2-hydroxye...	287	C16H33NO3	000120-40-1	50
2	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	42
3	Octanamide, N,N-bis(2-hydroxyeth...	231	C12H25NO3	003077-30-3	42
4	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	36
5	2-(N-Methylamino)-3,7,11-trimeth...	273	C16H35NO2	1000432-26-9	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

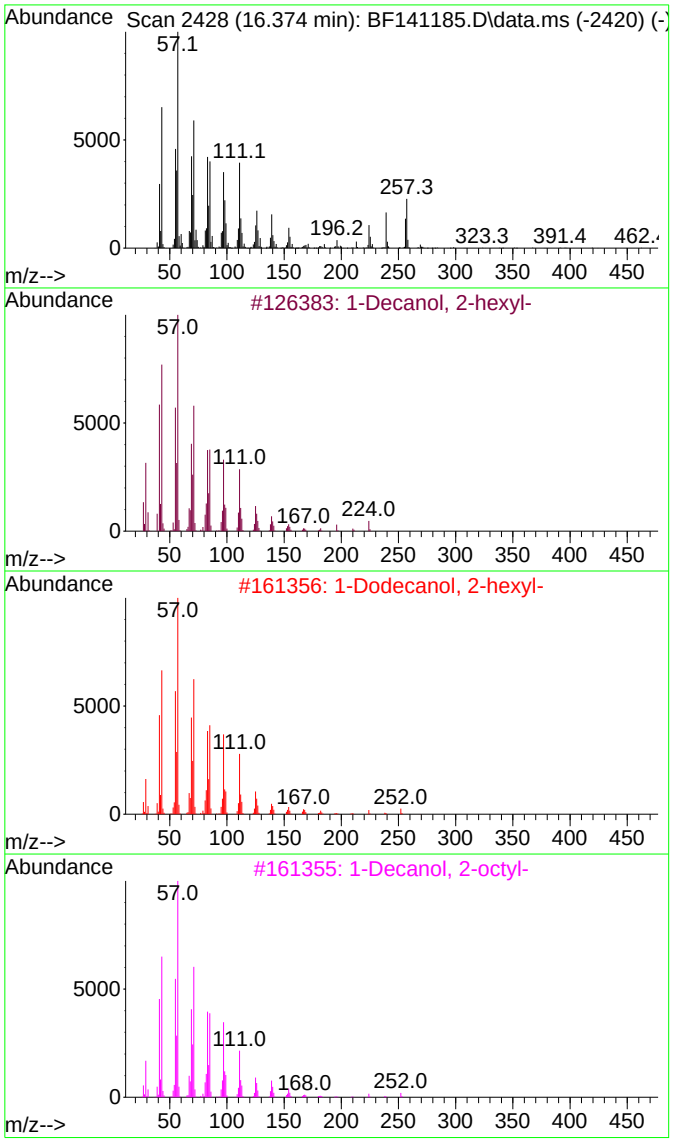
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

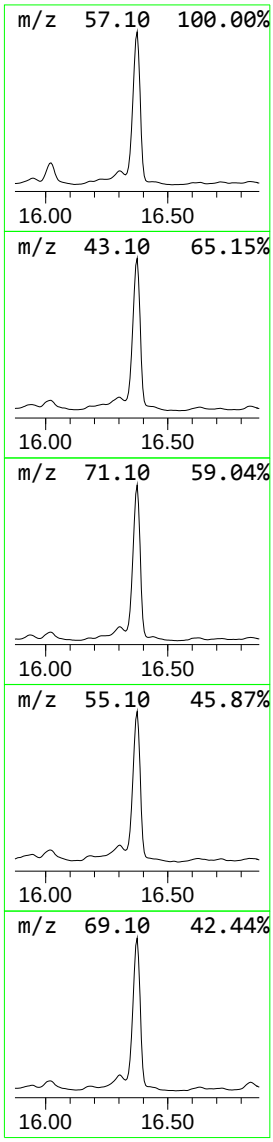
****

Peak Number 18 1-Decanol, 2-hexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.374	80.42 ng	6390090	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	94
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	68
4	2-Hexyldecyl acetate	284	C18H36O2	082409-75-4	64
5	2-Hexyldecyl butyrate	312	C20H40O2	1072782-00-3	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

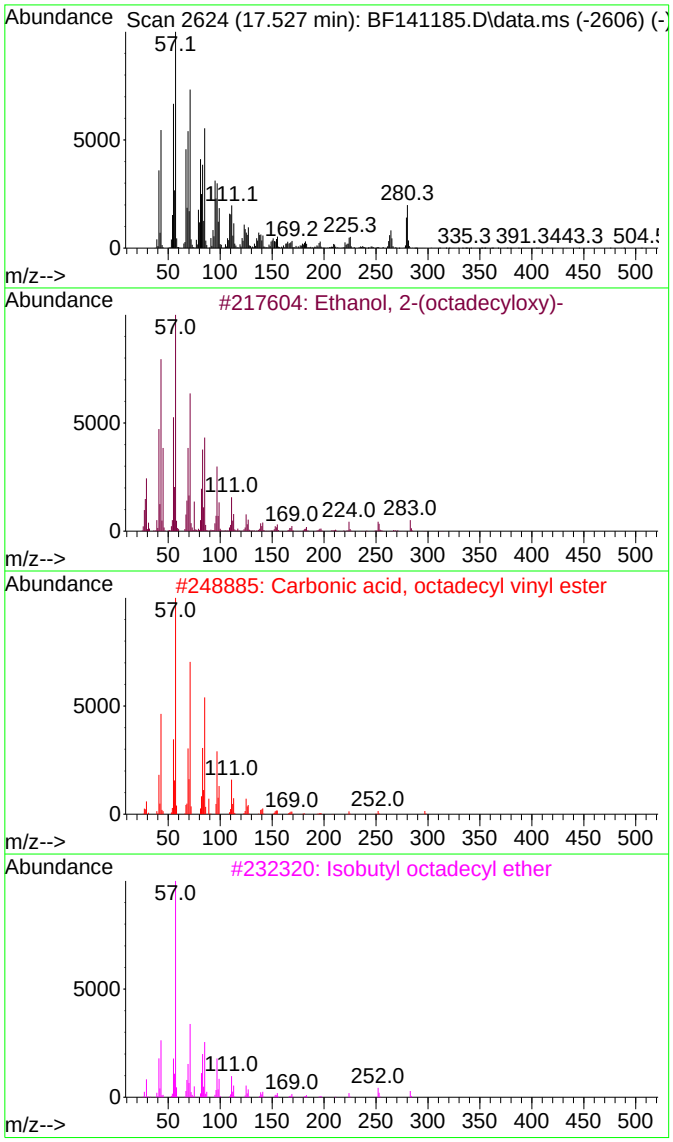
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

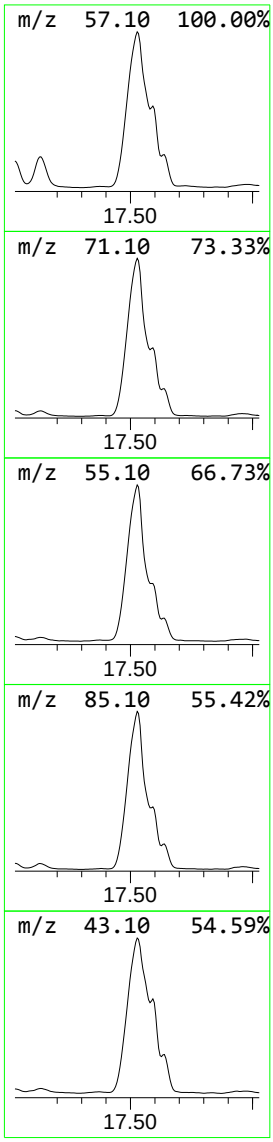
****

Peak Number 19 Ethanol, 2-(octadecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.527	417.68 ng	33189000	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	64
2	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	64
3	Isobutyl octadecyl ether	326	C22H46O	1000406-32-9	58
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

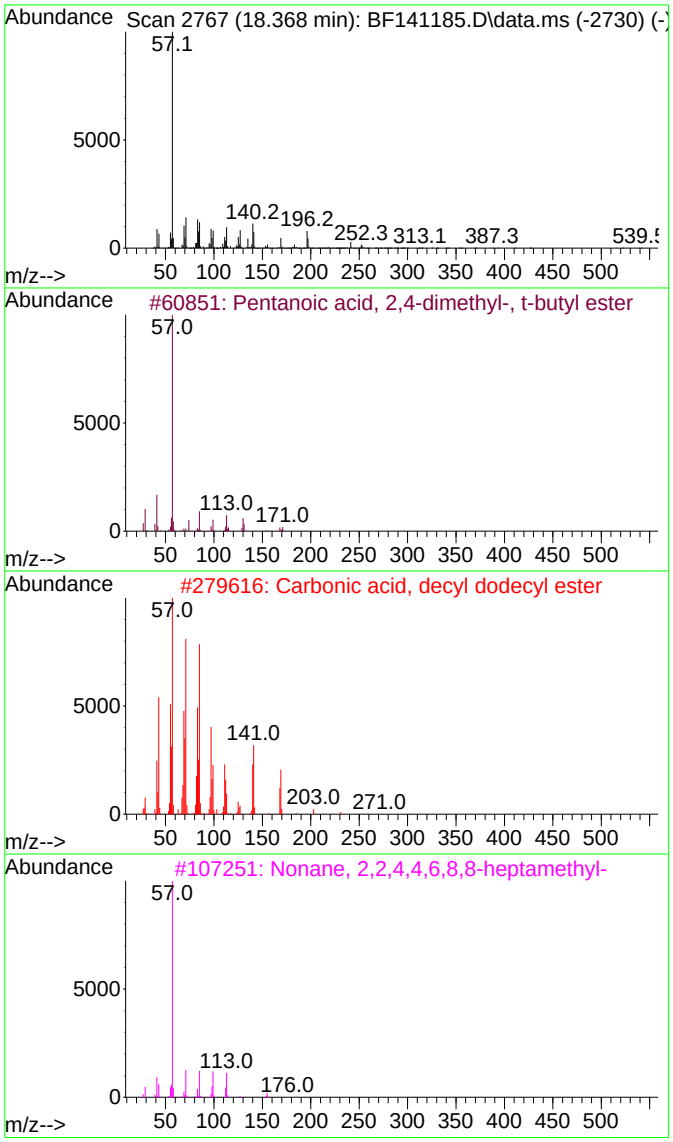
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

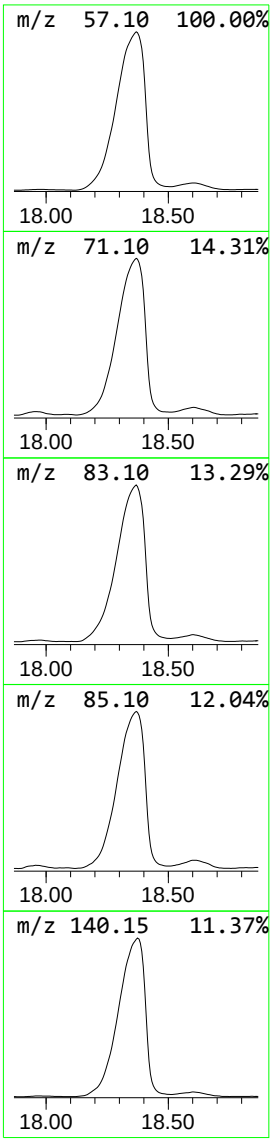
****

Peak Number 20 unknown18.368 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	647.30 ng	51434100	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,4-dimethyl-, t...	186	C11H22O2	1000163-75-4	38
2	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	38
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
4	Pentacosane	352	C25H52	000629-99-2	38
5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141185.D
Acq On : 16 Jan 2025 15:13
Operator : RC/JU
Sample : Q1066-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
1-Hexanol, 2-et...	6.881	64.4	ng	3189700	1	6.810	989966	20.0
Hexanoic acid, ...	7.587	90.6	ng	5806330	2	8.093	1281920	20.0
2-Propenoic aci...	9.687	47.3	ng	3522440	3	9.851	1489830	20.0
Pentadecane, 7-...	10.022	78.2	ng	5823150	3	9.851	1489830	20.0
1-Octanol, 5,7,...	10.892	115.1	ng	10896900	4	11.345	1893230	20.0
Butyl decyl ether	10.922	227.2	ng	21502600	4	11.345	1893230	20.0
Nonadecane, 9-m...	10.951	233.7	ng	22119200	4	11.345	1893230	20.0
1-Dodecanol, 2-...	11.245	346.3	ng	32780500	4	11.345	1893230	20.0
Heneicosane	11.810	77.1	ng	7295690	4	11.345	1893230	20.0
1-Dodecanol, 2-...	12.081	359.2	ng	34003900	4	11.345	1893230	20.0
Octanamide, N,N...	12.175	77.3	ng	7314860	4	11.345	1893230	20.0
9,12-Octadecadi...	12.433	69.6	ng	6592690	4	11.345	1893230	20.0
Ethyl Oleate	12.710	305.5	ng	15438900	5	13.986	1010870	20.0
Octadecanoic ac...	12.798	310.9	ng	15712600	5	13.986	1010870	20.0
1-Decanol, 2-oc...	12.833	251.8	ng	12728100	5	13.986	1010870	20.0
Isopropyl stearate	12.886	70.8	ng	3580140	5	13.986	1010870	20.0
Dodecanamide, N...	13.722	274.1	ng	13855400	5	13.986	1010870	20.0
1-Decanol, 2-he...	16.374	80.4	ng	6390090	6	15.451	1589200	20.0
Ethanol, 2-(oct...	17.527	417.7	ng	33189000	6	15.451	1589200	20.0
unknown18.368	18.368	647.3	ng	51434100	6	15.451	1589200	20.0