LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140198.D
Acq On : 31 Oct 2024 19:13
Operator : RC/JU
Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140198.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	12	rVB	236179	289624	30.30%	2.417%
2	4.745	446	451	457	rVB	11162	16081	1.68%	0.134%
3	5.492	572	578	591	rBV	341848	443738	46.43%	3.703%
4	6.498	744	749	767	rVB	386040	497322	52.04%	4.151%
5	6.716	780	786	789	rBV3	9131	13906	1.46%	0.116%
6	6.881	809	814	821	rBV	529007	664094	69.49%	5.542%
7	7.157	855	861	864	rBV4	8662	12847	1.34%	0.107%
8	7.198	864	868	875	rVB3	7409	11919	1.25%	0.099%
9	7.275	875	881	885	rBV4	8777	15941	1.67%	0.133%
10	7.439	900	909	913	rBV	234691	310122	32.45%	2.588%
11	7.475	913	915	918	rVV	13247	13630	1.43%	0.114%
12	7.528	918	924	927	rVB4	11792	20826	2.18%	0.174%
13	7.569	927	931	937	rBV6	4282	9569	1.00%	0.080%
14	7.686	947	951	959	rVB5	19895	33858	3.54%	0.283%
15	7.781	959	967	969	rBV6	8057	16300	1.71%	0.136%
16	8.163	1019	1032	1039	rBV	707319	955722	100.00%	7.976%
17	8.216	1039	1041	1045	rVV2	21767	27360	2.86%	0.228%
18	8.251	1045	1047	1055	rVB7	7819	11284	1.18%	0.094%
19	8.333	1055	1061	1063	rBV5	7860	13330	1.39%	0.111%
20	8.363	1063	1066	1070	rVB3	12162	15845	1.66%	0.132%
21	8.451	1077	1081	1085	rBV5	18183	25638	2.68%	0.214%
22	8.545	1093	1097	1100	rBV3	13374	15261	1.60%	0.127%
23	8.581	1100	1103	1105	rBV	11657	13104	1.37%	0.109%
24	8.669	1114	1118	1122	rBV3	29062	36899	3.86%	0.308%
25	8.751	1128	1132	1136	rBV	45072	56959	5.96%	0.475%
26	8.822	1141	1144	1151	rVB5	12117	23117	2.42%	0.193%
27	8.875	1151	1153	1157	rVB	11920	12327	1.29%	0.103%
28	8.916	1157	1160	1162	rBV3	7008	9980	1.04%	0.083%
29	8.986	1166	1172	1177	rBV3	31595	55471	5.80%	0.463%
30	9.116	1190	1194	1199	rVB5	12846	21759	2.28%	0.182%
31	9.186	1202	1206	1210	rVV4	16803	25272	2.64%	0.211%
32	9.239	1210	1215	1220	rVB	460229	553613	57.93%	4.620%
33	9.322	1225	1229	1233	rBV	60443	81270	8.50%	0.678%
34	9.392	1237	1241	1245	rVB	15505	19758	2.07%	0.165%
35	9.504	1256	1260	1265	rVB5	13002	22863	2.39%	0.191%
36	9.580	1265	1273	1275	rBV4	21702	49957	5.23%	0.417%

LSC Area Percent Report

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Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-103024

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.639	1279	1283	1286	rVV3	35256	55845	5.84%	0.466%
38	9.698	1290	1293	1298	rVB4	18607	25644	2.68%	0.214%
39	9.786	1304	1308	1312	rBV3	15245	24901	2.61%	0.208%
40	9.851	1315	1319	1324	rVB	63393	79936	8.36%	0.667%
41	9.922	1324	1331	1336	rBV	673689	879570	92.03%	7.341%
42	10.027	1346	1349	1354	rBV4	8899	11535	1.21%	0.096%
43	10.086	1355	1359	1361	rBV3	11949	18233	1.91%	0.152%
44	10.175	1370	1374	1378	rBV4	15843	22067	2.31%	0.184%
45	10.245	1382	1386	1392	rBV7	10580	22515	2.36%	0.188%
46	10.351	1398	1404	1408	rBV	71860	101210	10.59%	0.845%
47	10.475	1421	1425	1431	rBV2	17236	28618	2.99%	0.239%
48	10.575	1437	1442	1448	rVB	30946	50723	5.31%	0.423%
49	10.633	1448	1452	1460	rBV	85723	120776	12.64%	1.008%
50	10.710	1460	1465	1471	rBV	214341	283688	29.68%	2.368%
51	10.833	1481	1486	1494	rVB	86736	143312	15.00%	1.196%
52	10.951	1503	1506	1509	rVB	11059	13048	1.37%	0.109%
53	11.022	1515	1518	1521	rBV2	10424	15071	1.58%	0.126%
54	11.280	1557	1562	1565	rBV	61050	86412	9.04%	0.721%
55	11.310	1565	1567	1573	rVB	38834	50545	5.29%	0.422%
56	11.416	1580	1585	1594	rBV2	608805	943312	98.70%	7.873%
57	11.492	1594	1598	1601	rVV	34420	45193	4.73%	0.377%
58	11.651	1621	1625	1630	rBV2	14010	24221	2.53%	0.202%
59	11.710	1631	1635	1647	rVB2	54535	97644	10.22%	0.815%
60	11.810	1647	1652	1659	rVB	162413	204105	21.36%	1.703%
61	11.874	1660	1663	1667	rBV6	8384	15050	1.57%	0.126%
62	11.945	1667	1675	1681	rBV2	159150	263230	27.54%	2.197%
63	12.033	1686	1690	1698	rVB	51870	99882	10.45%	0.834%
64	12.116	1700	1704	1708	rBV	47803	64602	6.76%	0.539%
65	12.216	1718	1721	1724	rBV	14394	20909	2.19%	0.175%
66	12.398	1749	1752	1759	rVB4	14855	27321	2.86%	0.228%
67	12.504	1761	1770	1771	rBV3	529144	751699	78.65%	6.274%
68	12.604	1783	1787	1789	rBV	77005	98818	10.34%	0.825%
69	12.639	1789	1793	1795	rBV	281903	406834	42.57%	3.395%
70	12.733	1806	1809	1816	rBV2	42480	62159	6.50%	0.519%
71	12.863	1825	1831	1838	rVB	237072	379777	39.74%	3.170%
72	13.004	1851	1855	1863	rVB	352585	482319	50.47%	4.025%
73	13.239	1892	1895	1901	rBV2	36299	68841	7.20%	0.575%
74	14.068	2031	2036	2048	rVB2	446294	752204	78.71%	6.278%
75	15.133	2213	2217	2226	rVB	86579	188085	19.68%	1.570%
76	15.509	2278	2281	2286	rVV	53441	72989	7.64%	0.609%

LSC Area Percent Report

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Operator : RC/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.574	2287	2292	2305	rVB	241259	462567	48.40%	3.861%

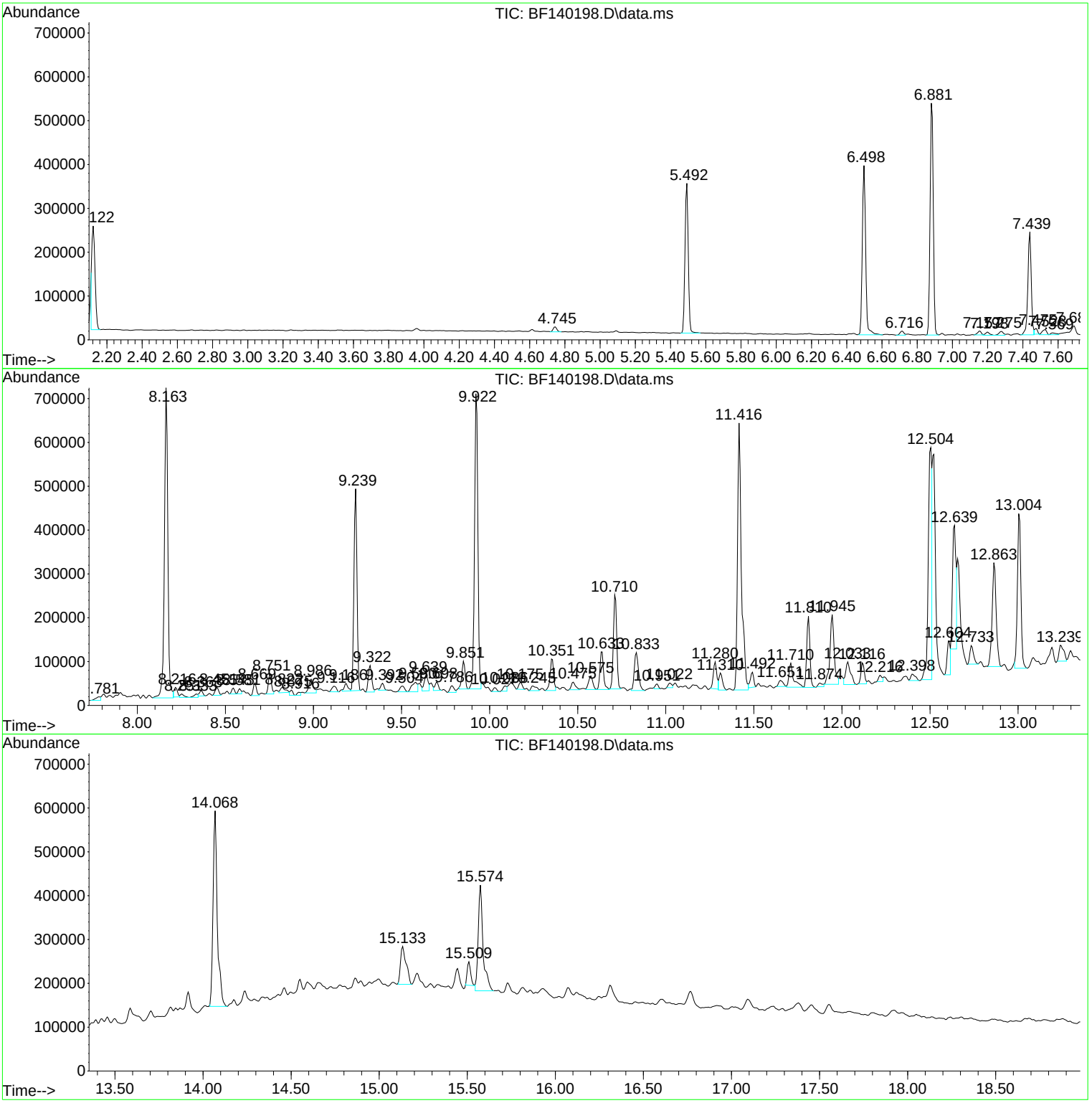
Sum of corrected areas: 11981976

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140198.D
Acq On : 31 Oct 2024 19:13
Operator : RC/JU
Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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\BF103124\
Data File : BF140198.D
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Operator : RC/JU
Sample : P4639-01 5X
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Instrument :
BNA_F
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EO-01-103024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

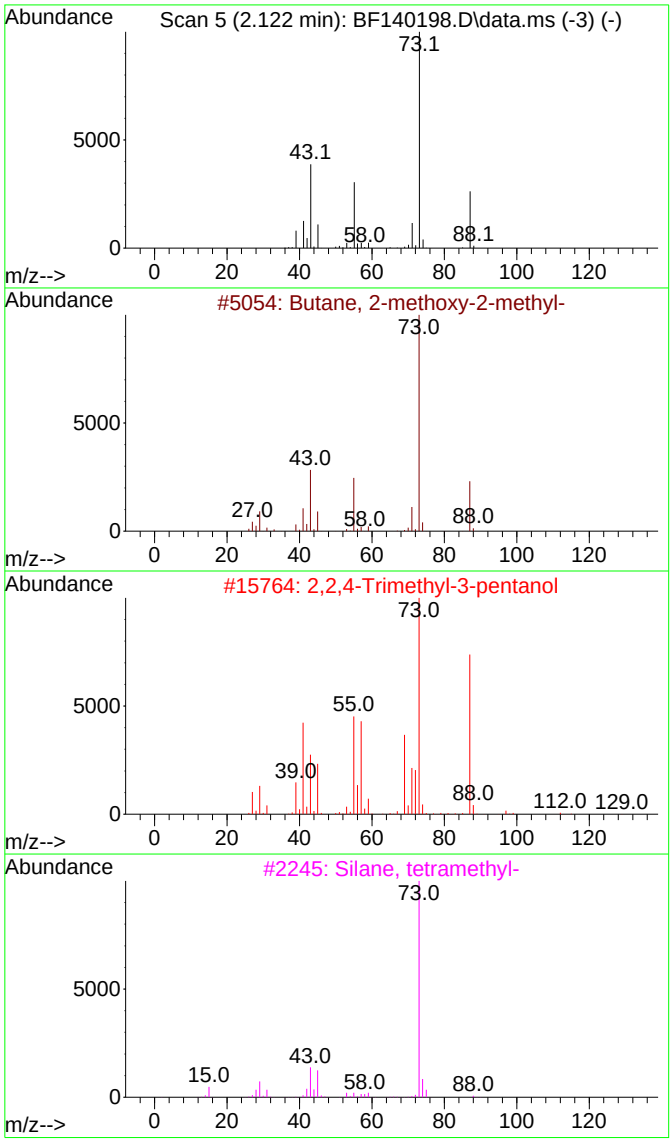
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

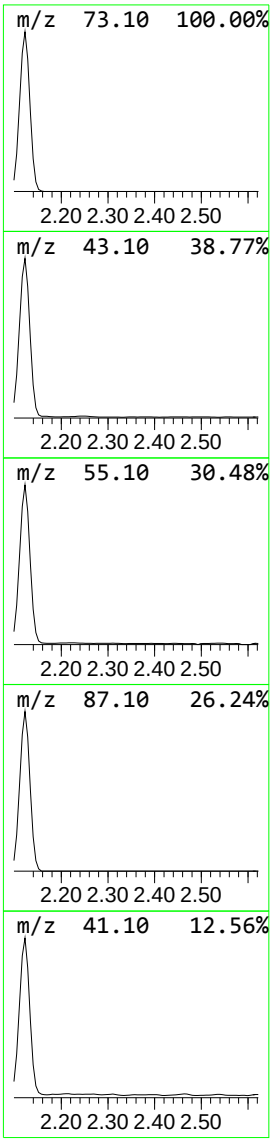
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	8.72 ng	289624	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140198.D
Acq On : 31 Oct 2024 19:13
Operator : RC/JU
Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

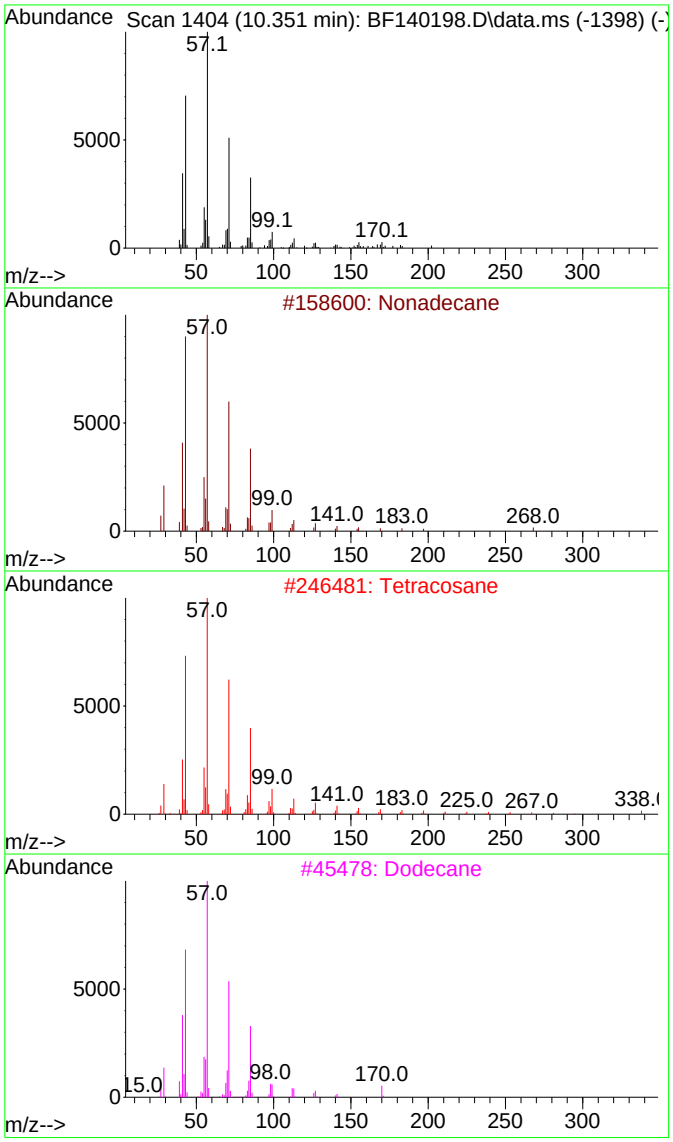
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

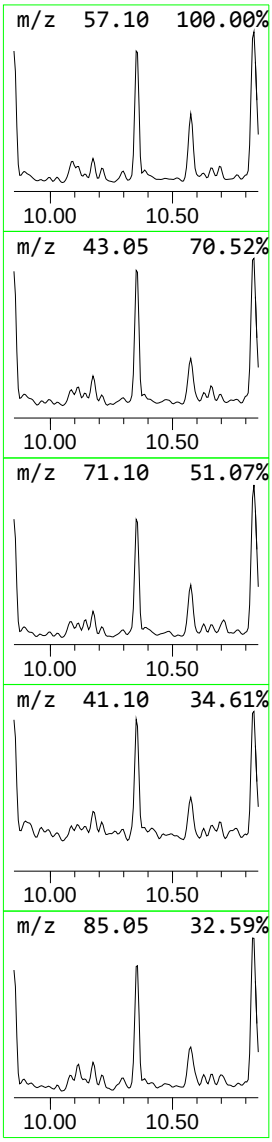
****

Peak Number 2 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	2.30 ng	101210	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Dodecane	170	C12H26	000112-40-3	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140198.D
Acq On : 31 Oct 2024 19:13
Operator : RC/JU
Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

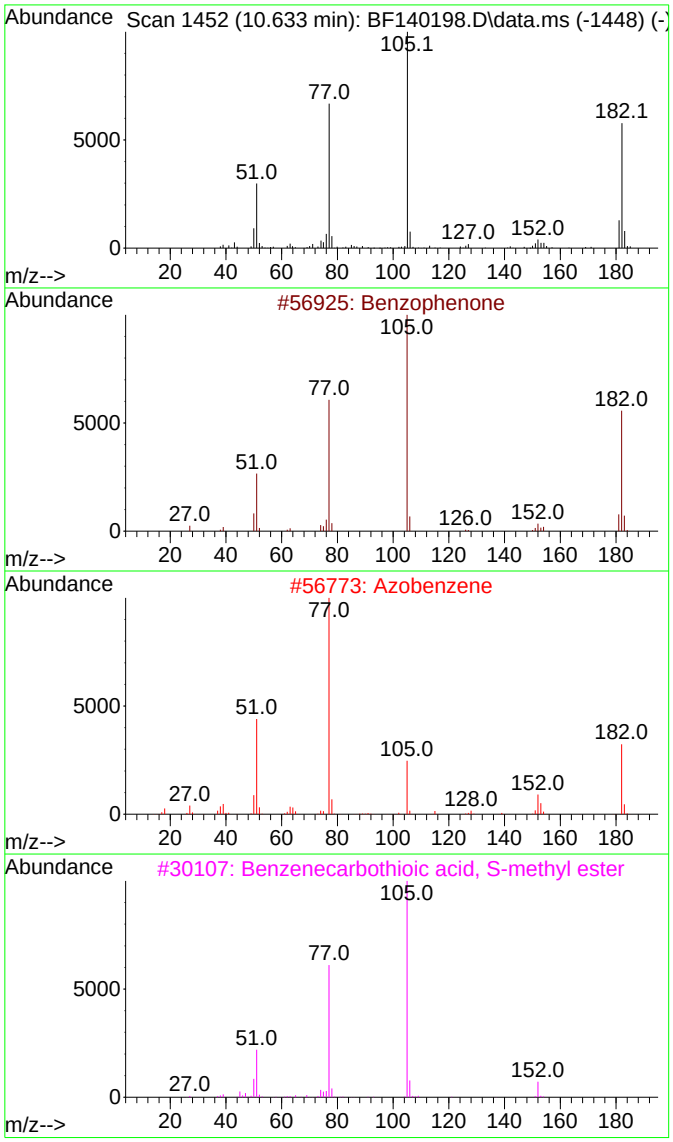
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

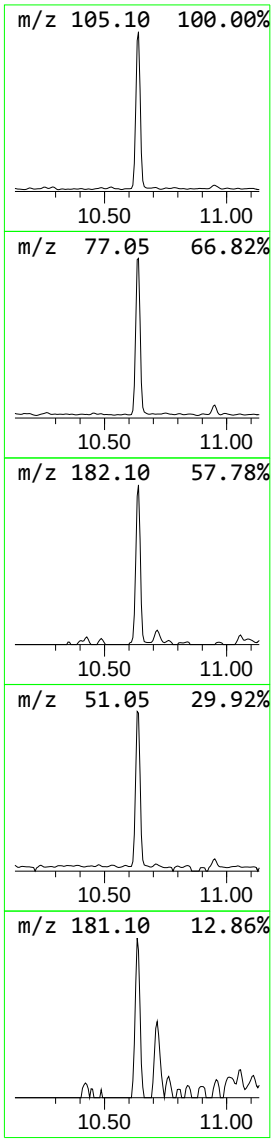
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	2.75 ng	120776	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

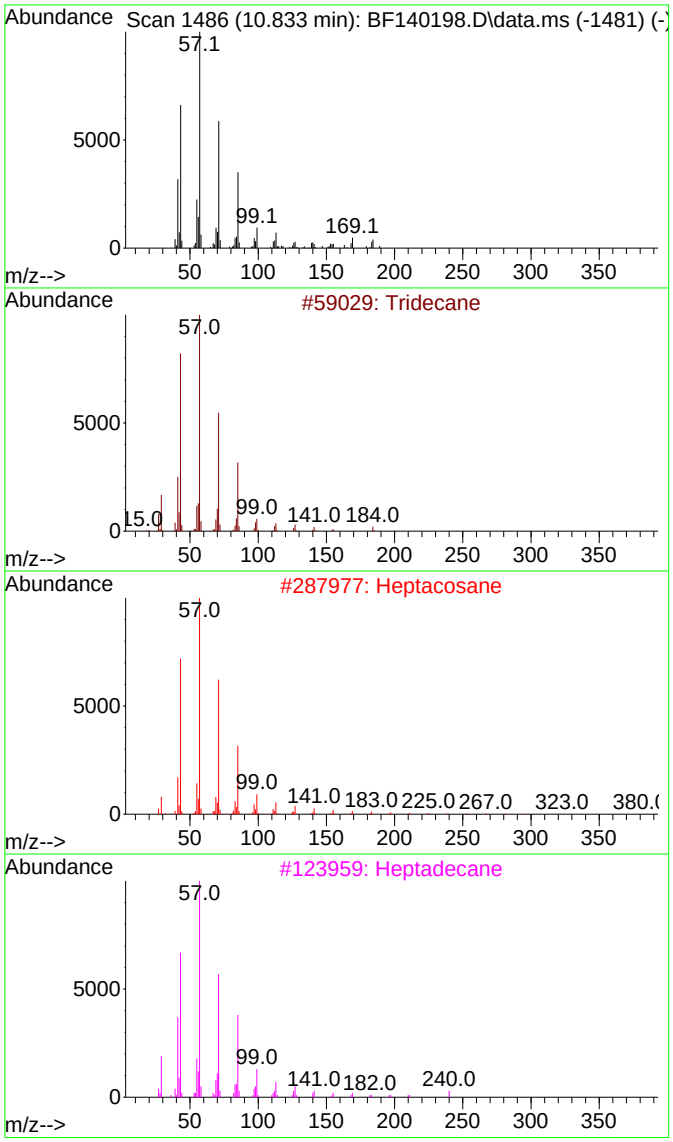
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

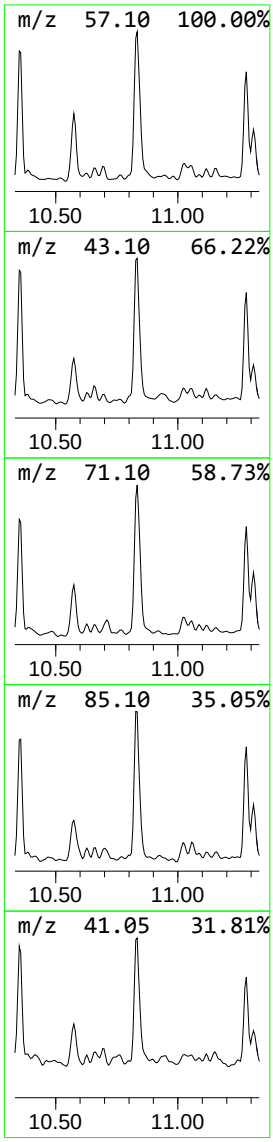
****

Peak Number 4 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	3.04 ng	143312	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

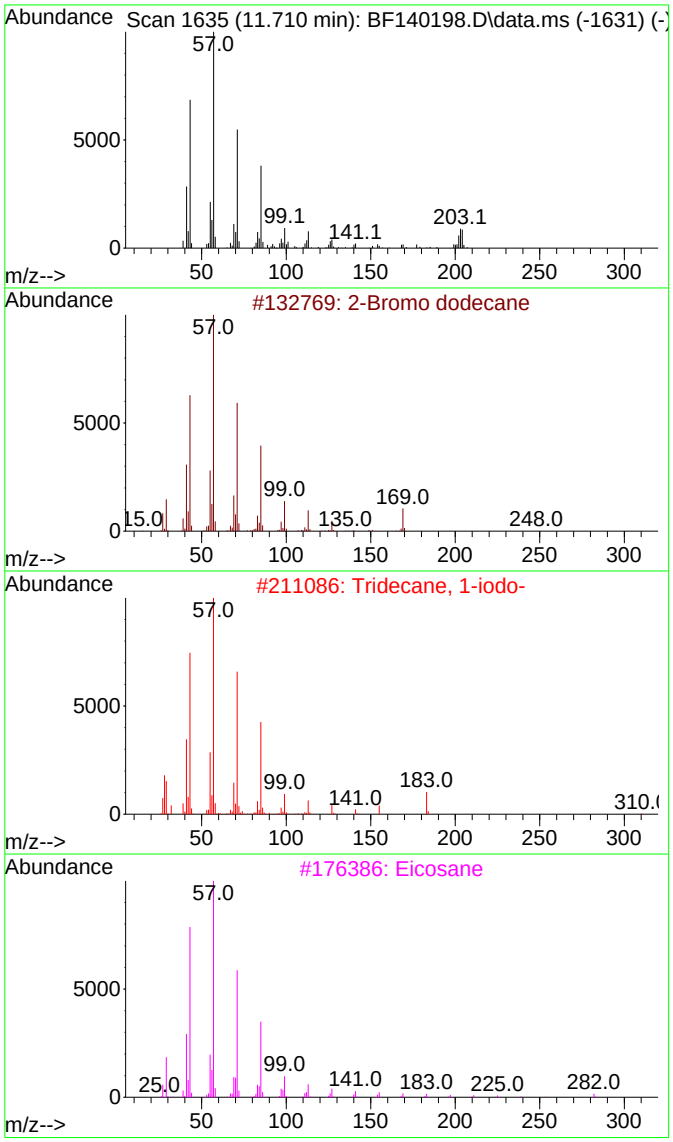
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

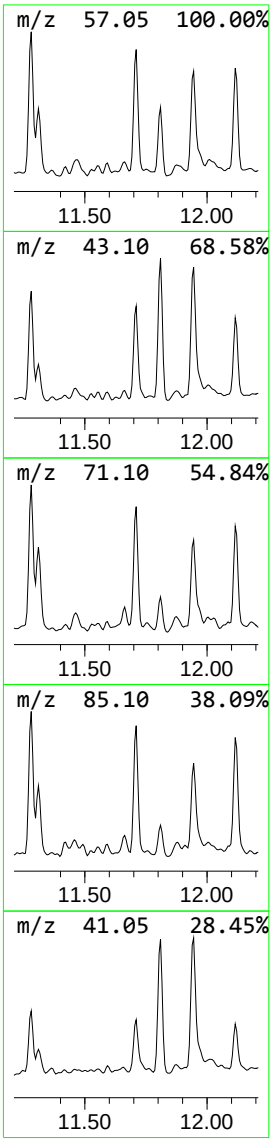
****

Peak Number 5 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	2.07 ng	97644	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Heneicosane	296	C21H44	000629-94-7	80
5	Tetradecane	198	C14H30	000629-59-4	80





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Data File : BF140198.D
Acq On : 31 Oct 2024 19:13
Operator : RC/JU
Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

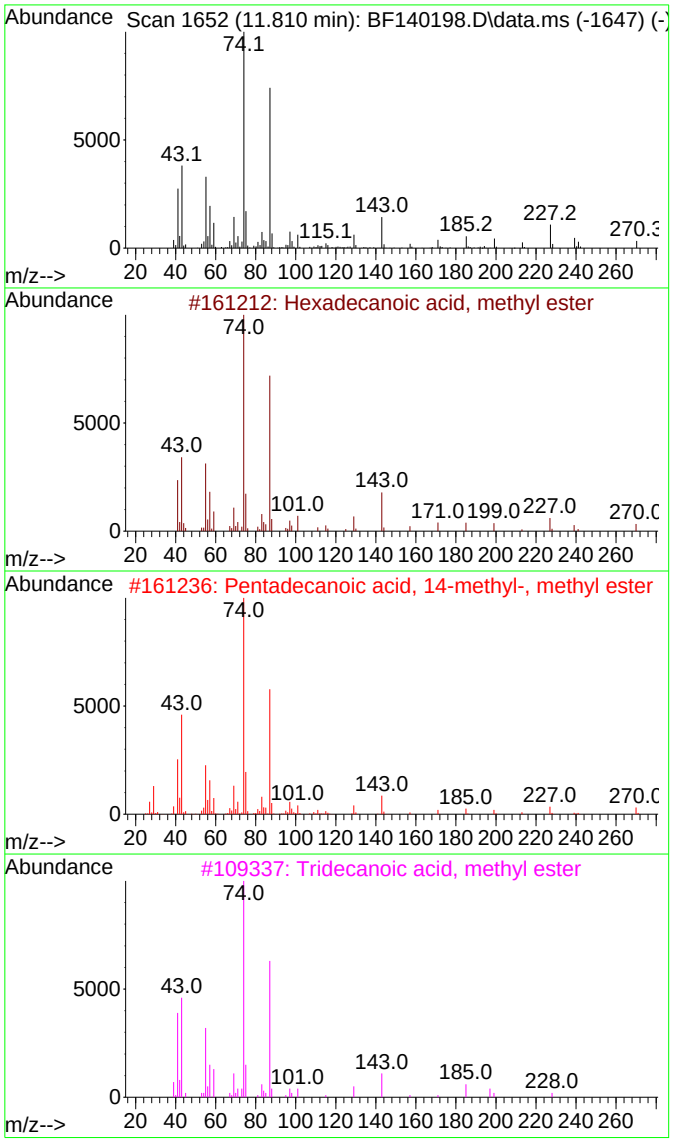
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

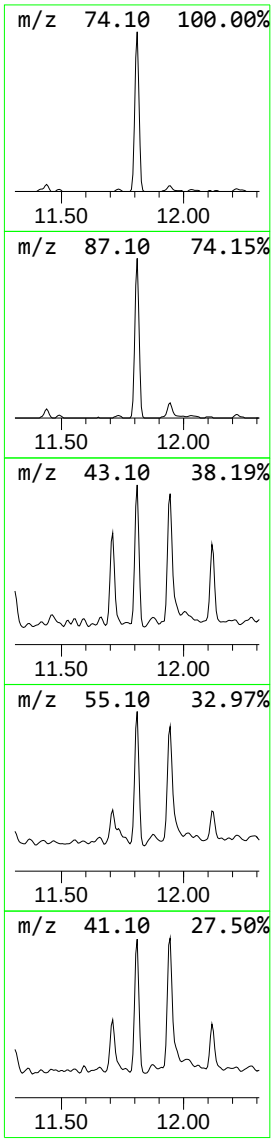
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	4.33 ng	204105	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Data File : BF140198.D
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Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

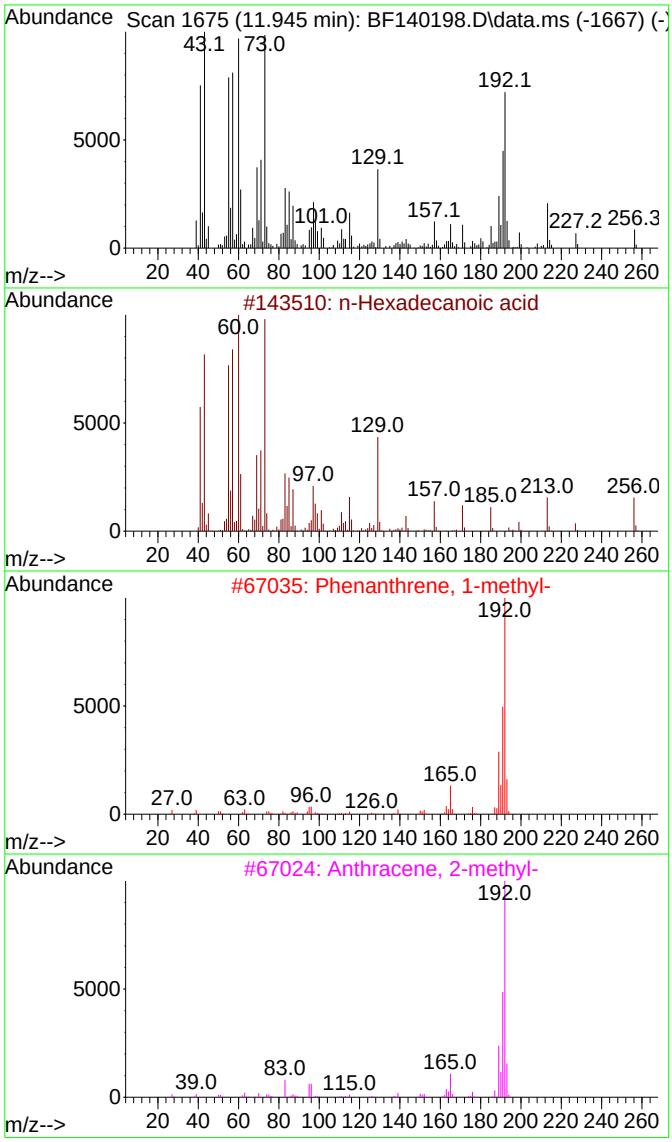
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

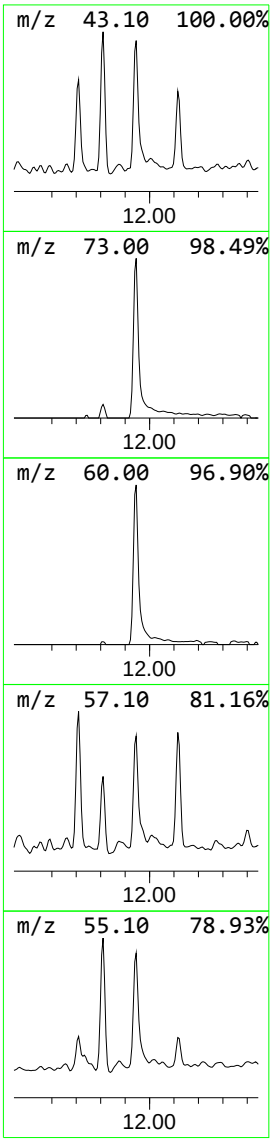
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.58 ng	263230	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140198.D
Acq On : 31 Oct 2024 19:13
Operator : RC/JU
Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

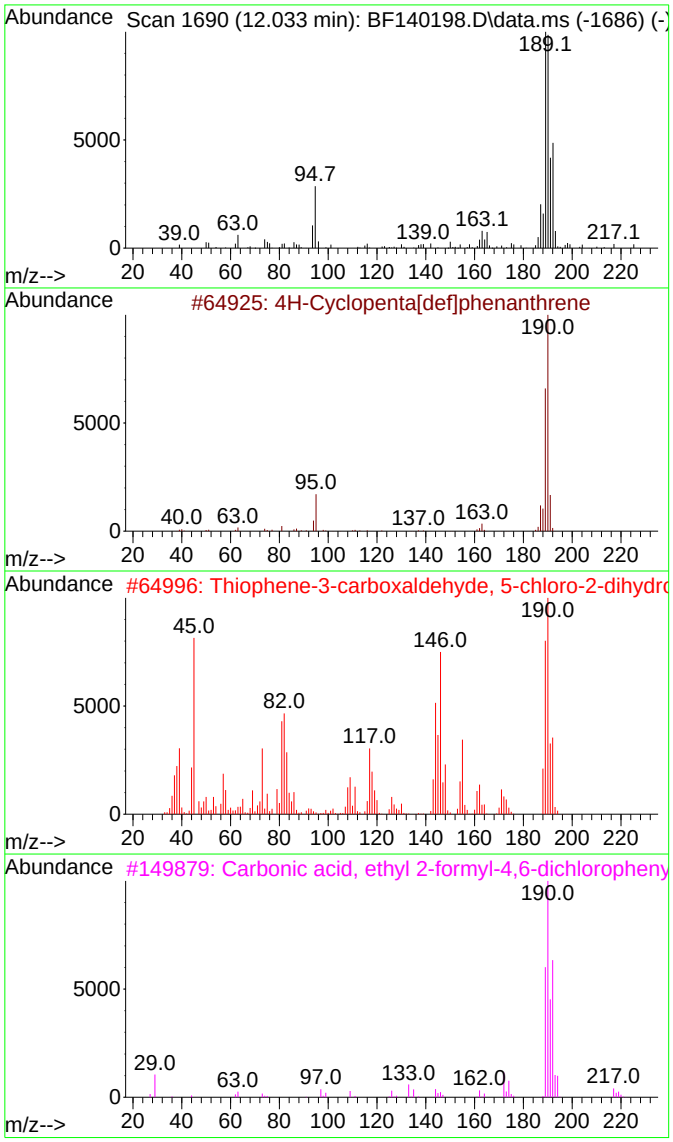
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

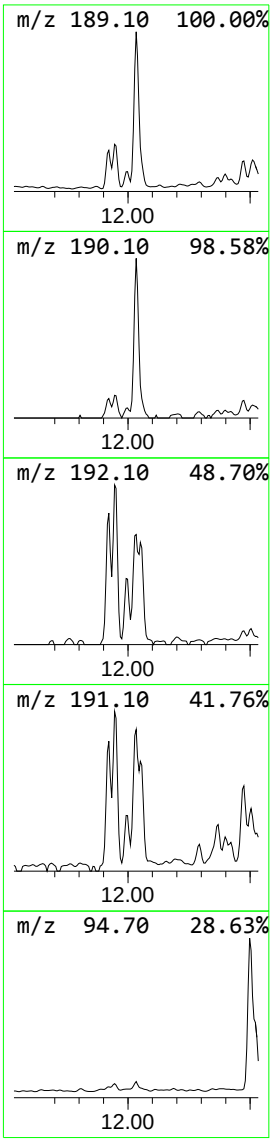
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	2.12 ng	99882	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140198.D
Acq On : 31 Oct 2024 19:13
Operator : RC/JU
Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

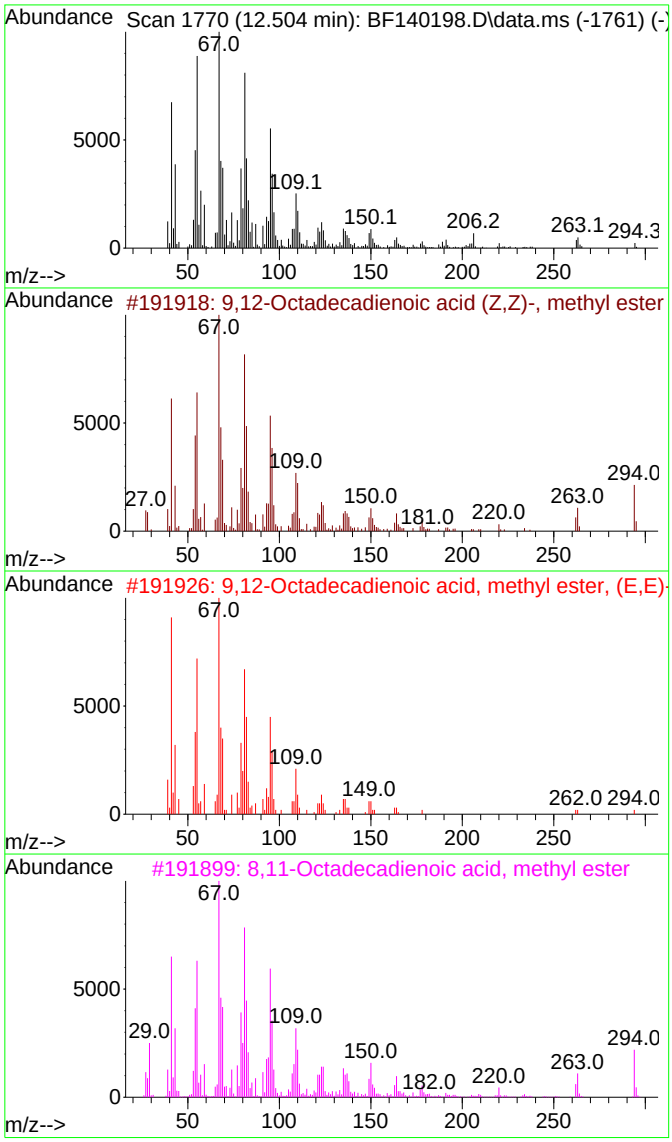
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

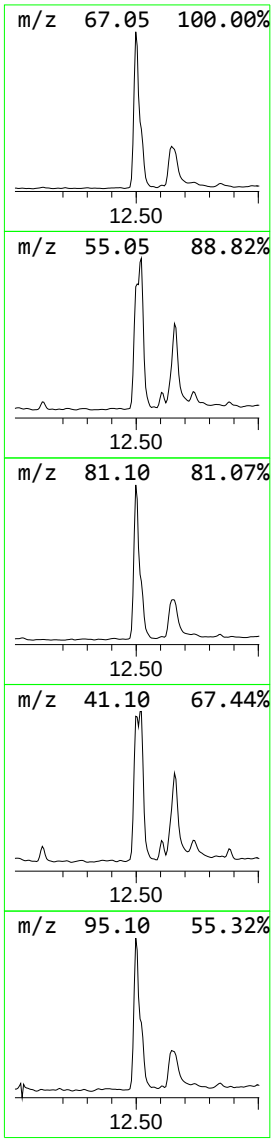
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	15.94 ng	751699	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140198.D
Acq On : 31 Oct 2024 19:13
Operator : RC/JU
Sample : P4639-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-103024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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
Butane, 2-metho...	2.122	8.7	ng	289624	1	6.881	664094	20.0
Nonadecane	10.351	2.3	ng	101210	3	9.922	879570	20.0
Benzophenone	10.633	2.8	ng	120776	3	9.922	879570	20.0
Tridecane	10.833	3.0	ng	143312	4	11.416	943312	20.0
2-Bromo dodecane	11.710	2.1	ng	97644	4	11.416	943312	20.0
Hexadecanoic ac...	11.810	4.3	ng	204105	4	11.416	943312	20.0
n-Hexadecanoic ...	11.945	5.6	ng	263230	4	11.416	943312	20.0
4H-Cyclopenta[d...	12.033	2.1	ng	99882	4	11.416	943312	20.0
9,12-Octadecadi...	12.504	15.9	ng	751699	4	11.416	943312	20.0