LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137008.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	564	568	585	rBV	976020	947110	4.95%	1.730%
2	6.434	735	739	750	rBV	1051707	959792	5.01%	1.753%
3	6.781	795	798	802	rVB	429395	376782	1.97%	0.688%
4	7.345	891	894	896	rVV	743056	612477	3.20%	1.119%
5	7.375	896	899	902	rVB	511902	408269	2.13%	0.746%
6	7.804	969	972	975	rVV4	174938	272251	1.42%	0.497%
7	8.039	1009	1012	1014	rVV	897143	841224	4.39%	1.537%
8	8.063	1014	1016	1018	rVV	556221	453356	2.37%	0.828%
9	8.116	1021	1025	1028	rVB2	303715	367104	1.92%	0.671%
10	8.351	1060	1065	1072	rBV5	229571	372876	1.95%	0.681%
11	8.439	1077	1080	1083	rBV3	196944	229155	1.20%	0.419%
12	8.481	1083	1087	1089	rVV2	304156	309244	1.62%	0.565%
13	8.563	1098	1101	1104	rBV2	333970	264361	1.38%	0.483%
14	8.651	1113	1116	1119	rBV	1131424	874110	4.57%	1.597%
15	8.722	1124	1128	1129	rVV3	160250	200599	1.05%	0.366%
16	8.880	1153	1155	1158	rBV2	239568	195650	1.02%	0.357%
17	9.016	1174	1178	1182	rVB3	194183	255138	1.33%	0.466%
18	9.080	1186	1189	1191	rVV2	365169	293854	1.53%	0.537%
19	9.139	1195	1199	1203	rVV	1111305	938072	4.90%	1.714%
20	9.216	1208	1212	1217	rBV	1144352	1078280	5.63%	1.970%
21	9.539	1262	1267	1269	rVV3	440029	536390	2.80%	0.980%
22	9.563	1269	1271	1274	rVV2	224403	223679	1.17%	0.409%
23	9.751	1300	1303	1306	rVV	1225744	949801	4.96%	1.735%
24	9.816	1311	1314	1319	rVB	496231	468395	2.45%	0.856%
25	10.069	1354	1357	1361	rBV4	258861	307848	1.61%	0.562%
26	10.251	1385	1388	1390	rBV	1133989	827124	4.32%	1.511%
27	10.469	1420	1425	1431	rBV	367676	490214	2.56%	0.896%
28	10.610	1447	1449	1452	rBV	430254	392104	2.05%	0.716%
29	10.727	1465	1469	1477	rVB	950891	1150457	6.01%	2.102%
30	11.174	1542	1545	1547	rBV	829278	634426	3.31%	1.159%
31	11.204	1547	1550	1556	rVB	336419	356439	1.86%	0.651%
32	11.310	1565	1568	1571	rBV	451416	400535	2.09%	0.732%
33	11.604	1615	1618	1620	rBV	673331	502849	2.63%	0.919%
34	11.716	1632	1637	1640	rVB	4753927	5431881	28.37%	9.923%
35	11.851	1657	1660	1666	rVB3	201638	253523	1.32%	0.463%
36	12.010	1684	1687	1693	rBV	493098	496542	2.59%	0.907%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.433	1749	1759	1761	rBV2	7043657	19147132	100.00%	34.978%
38	12.457	1761	1763	1766	rVB2	7095328	6804767	35.54%	12.431%
39	12.516	1769	1773	1775	rVB	2768495	2371718	12.39%	4.333%
40	12.545	1775	1778	1780	rBV3	261455	245838	1.28%	0.449%
41	12.780	1814	1818	1821	rBV2	288509	269837	1.41%	0.493%
42	12.910	1834	1840	1843	rBV	874463	840626	4.39%	1.536%
43	13.139	1876	1879	1880	rVV	216958	220984	1.15%	0.404%
44	13.233	1892	1895	1898	rVB	283184	230621	1.20%	0.421%
45	13.904	2006	2009	2014	rVB	278621	257179	1.34%	0.470%
46	13.968	2016	2020	2023	rBV	376257	367575	1.92%	0.671%
47	15.457	2269	2273	2281	rVB	209718	312125	1.63%	0.570%

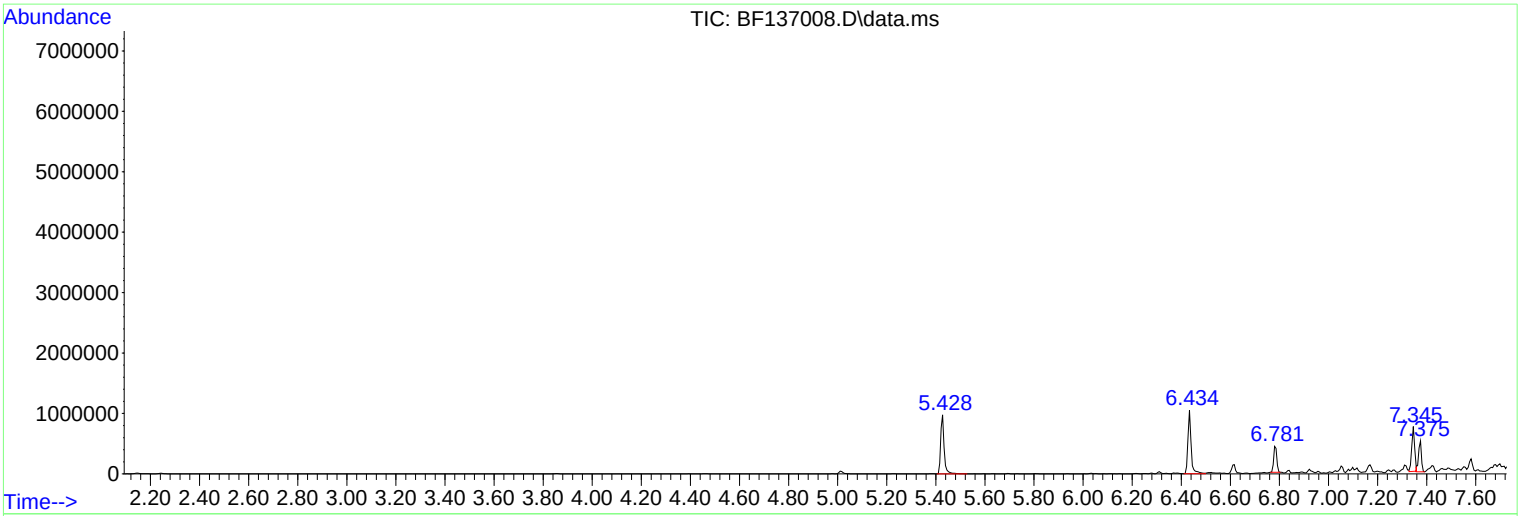
Sum of corrected areas: 54740313

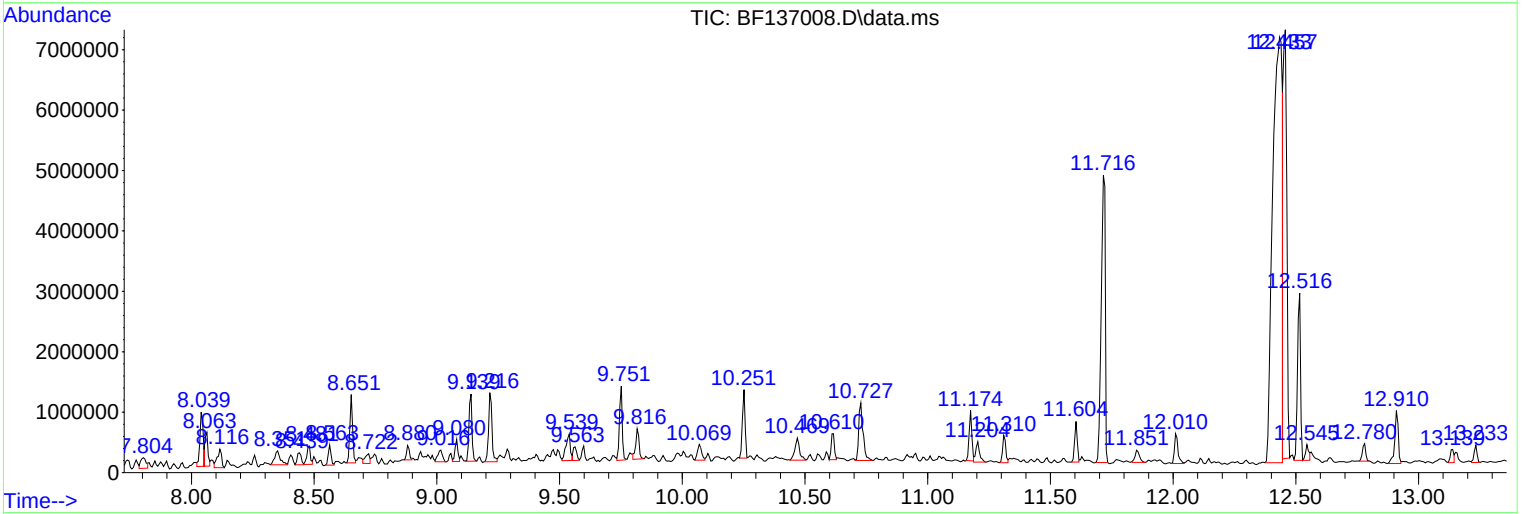
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

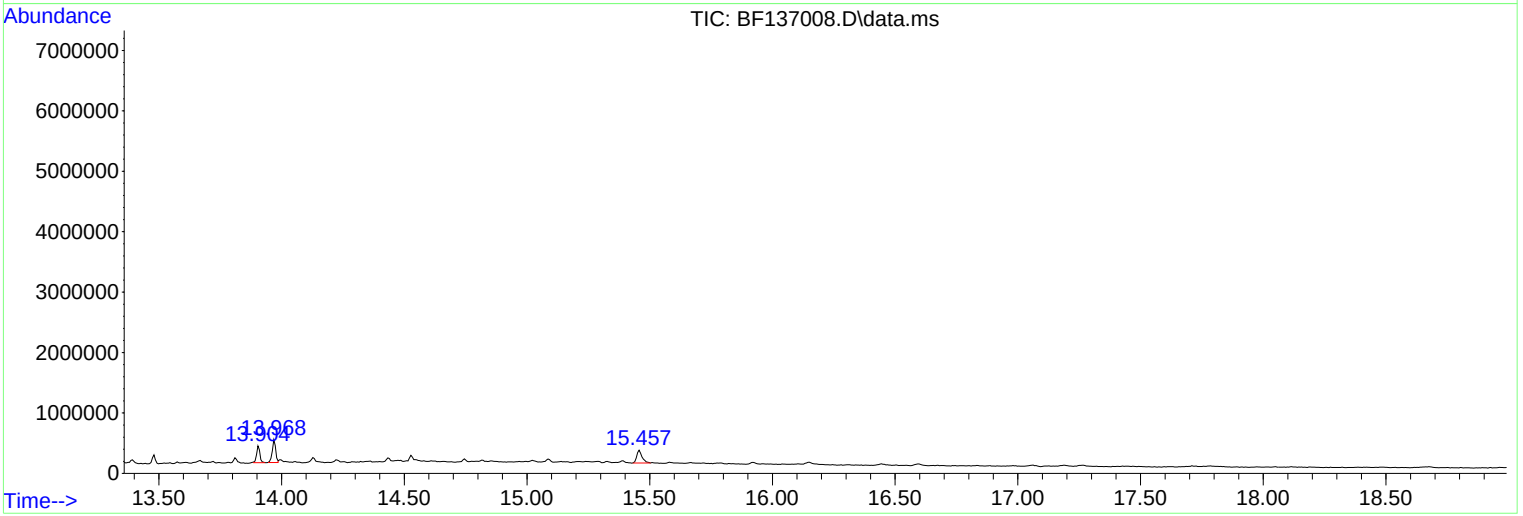
Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

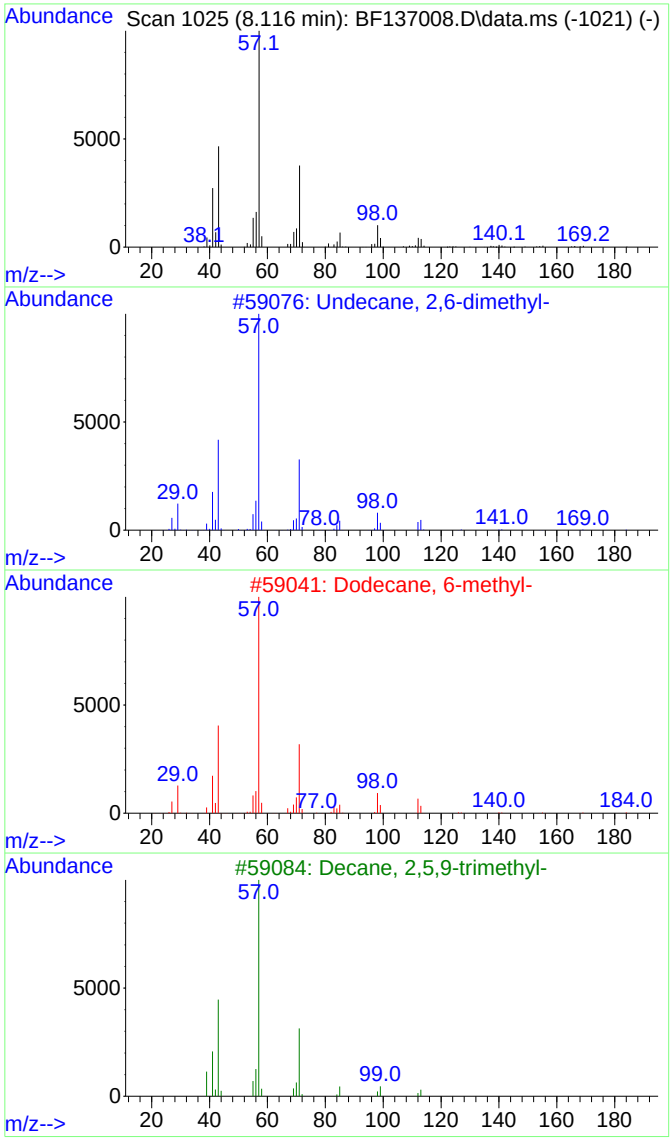
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

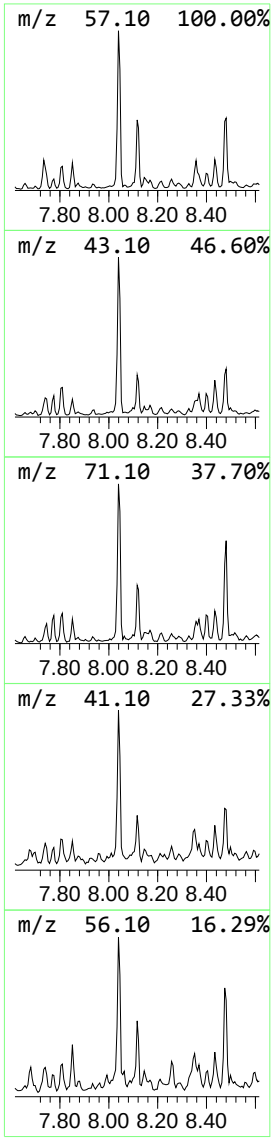
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.116	16.20 ng	367104	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

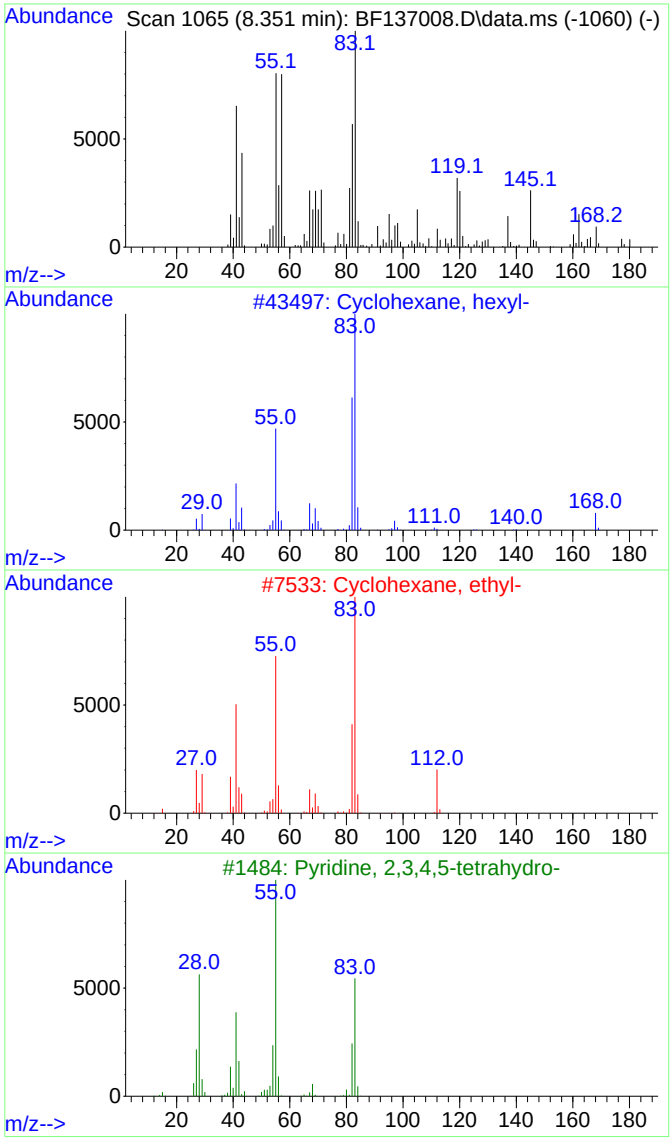
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

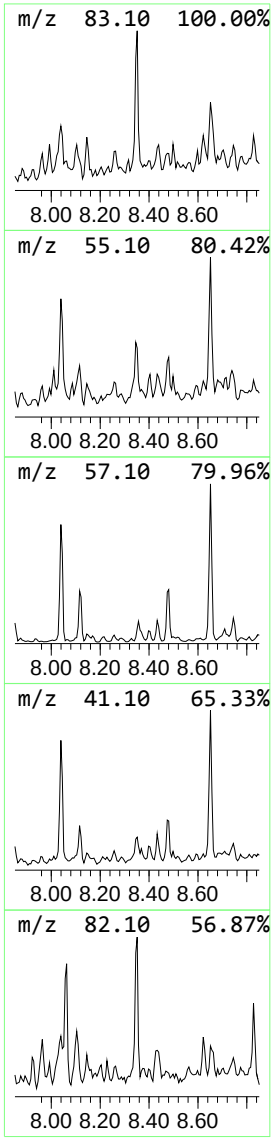
****

Peak Number 2 unknown8.351 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	16.45 ng	372876	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
3	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	38
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

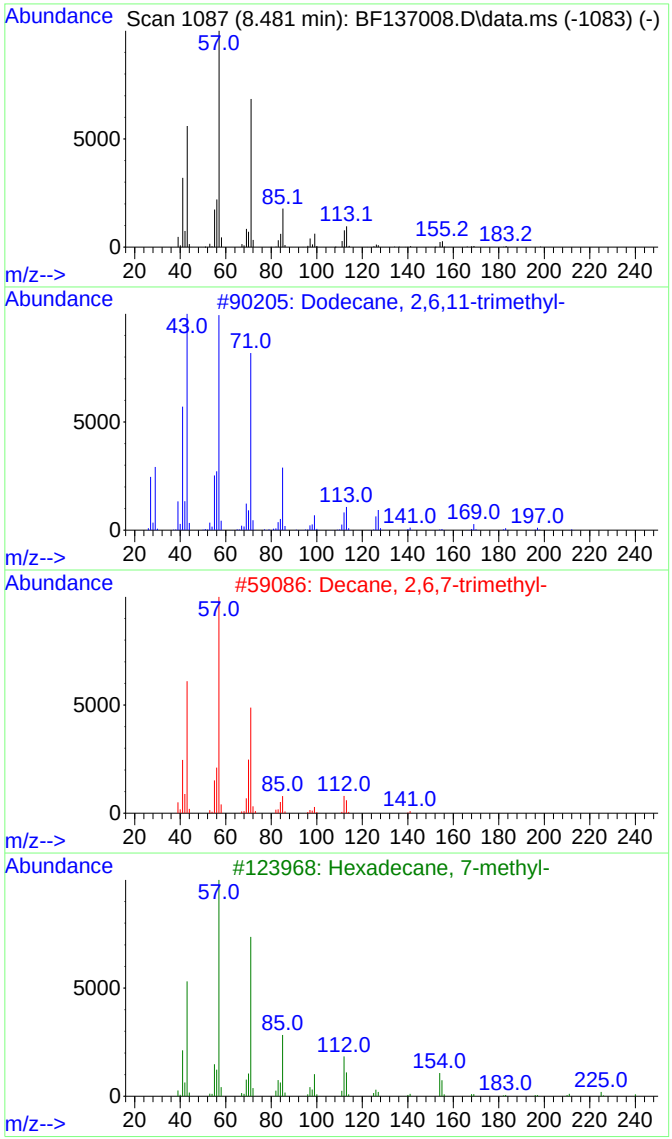
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

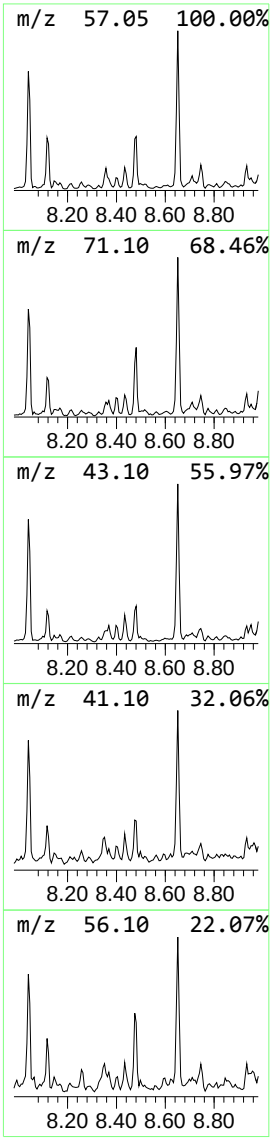
****

Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	13.64 ng	309244	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	78
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

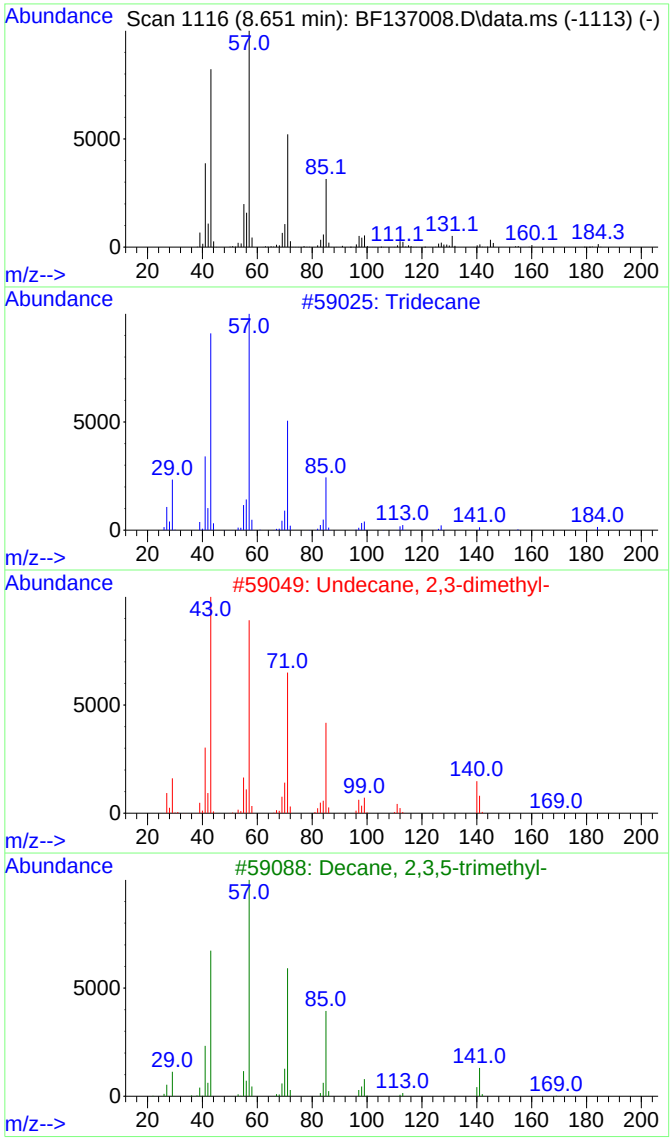
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

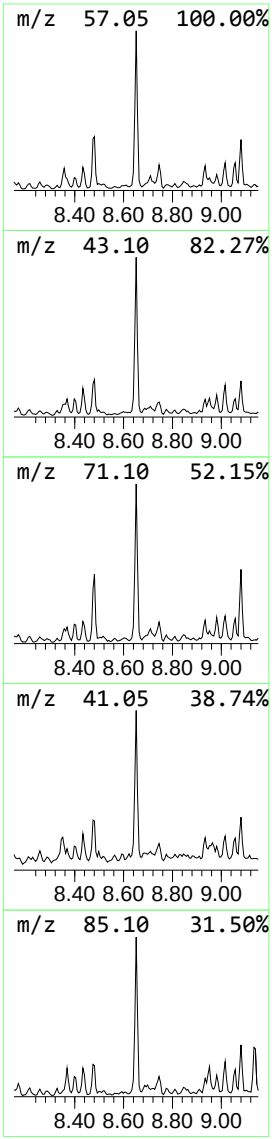
****

Peak Number 4 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	38.56 ng	874110	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

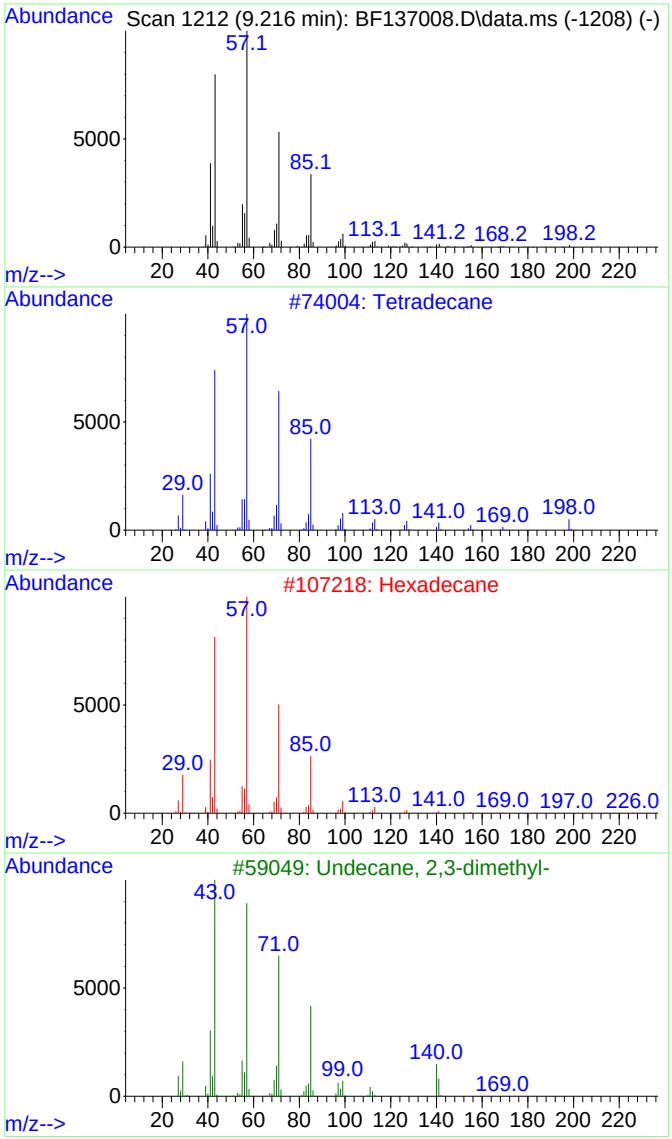
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

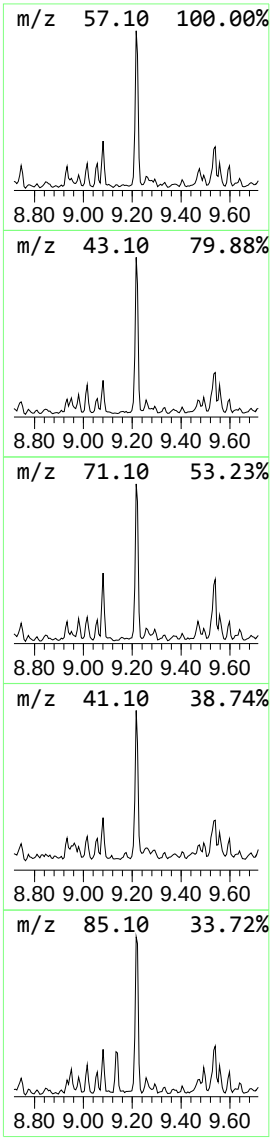
****

Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	46.04 ng	1078280	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

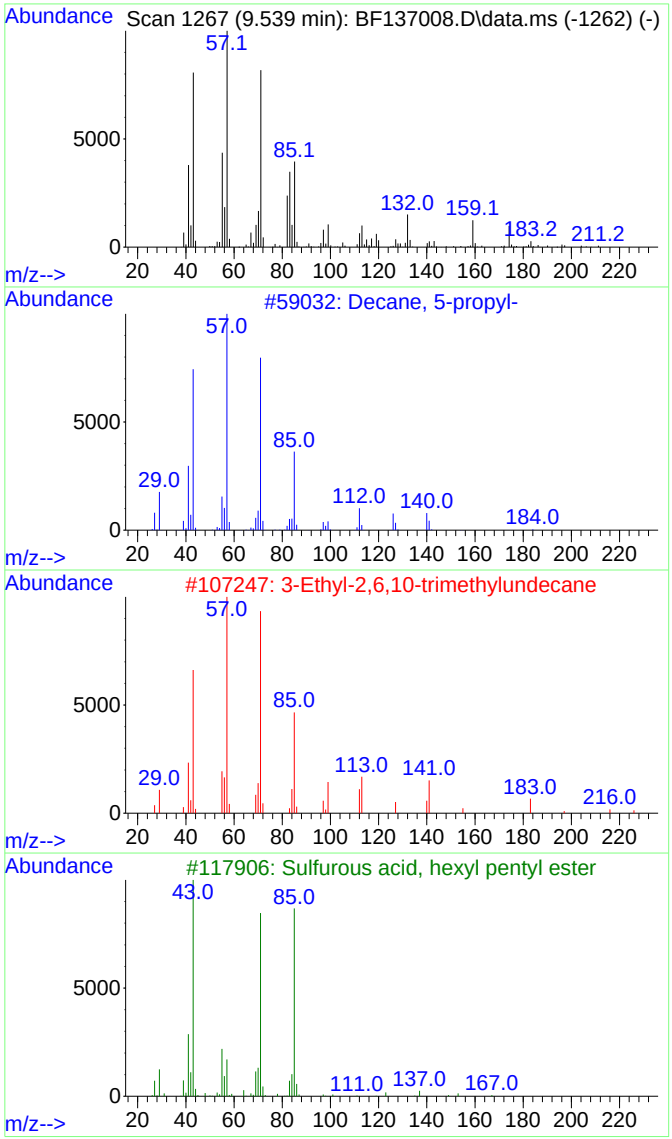
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

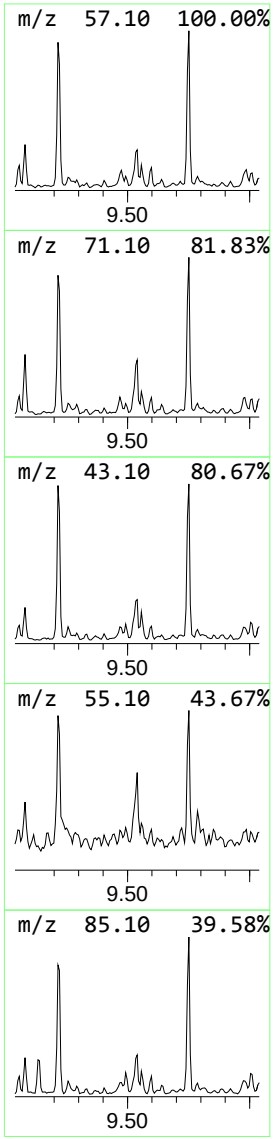
****

Peak Number 6 Decane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.539	22.90 ng	536390	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	53
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	52
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	49
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
5	Succinic acid, 2-fluorophenyl te...	296	C15H17FO5	1000390-71-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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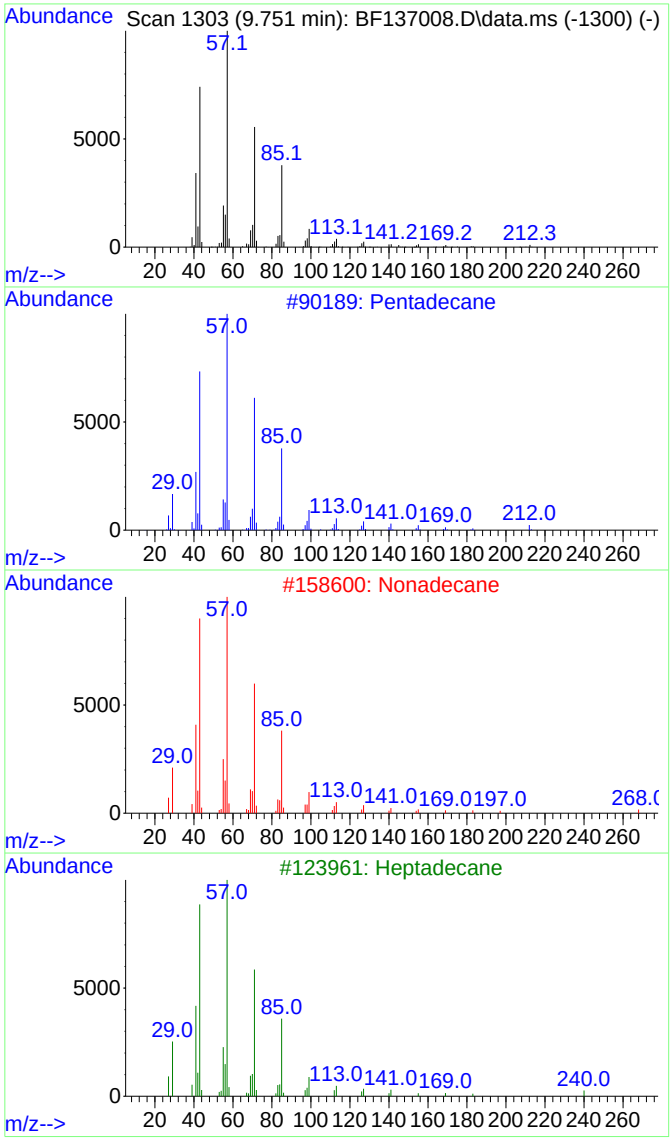
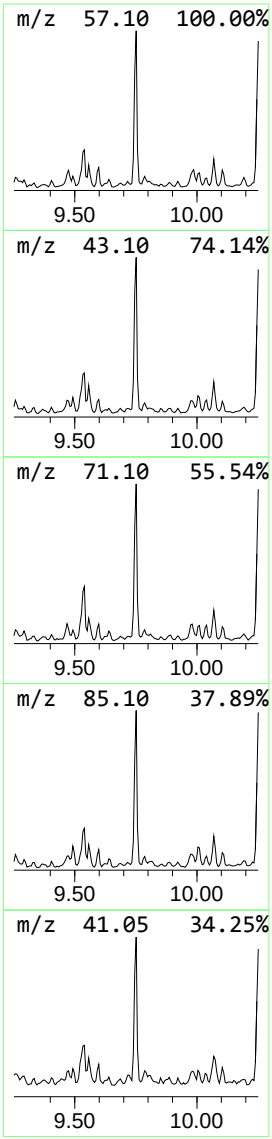
Peak Number 7 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	40.56 ng	949801	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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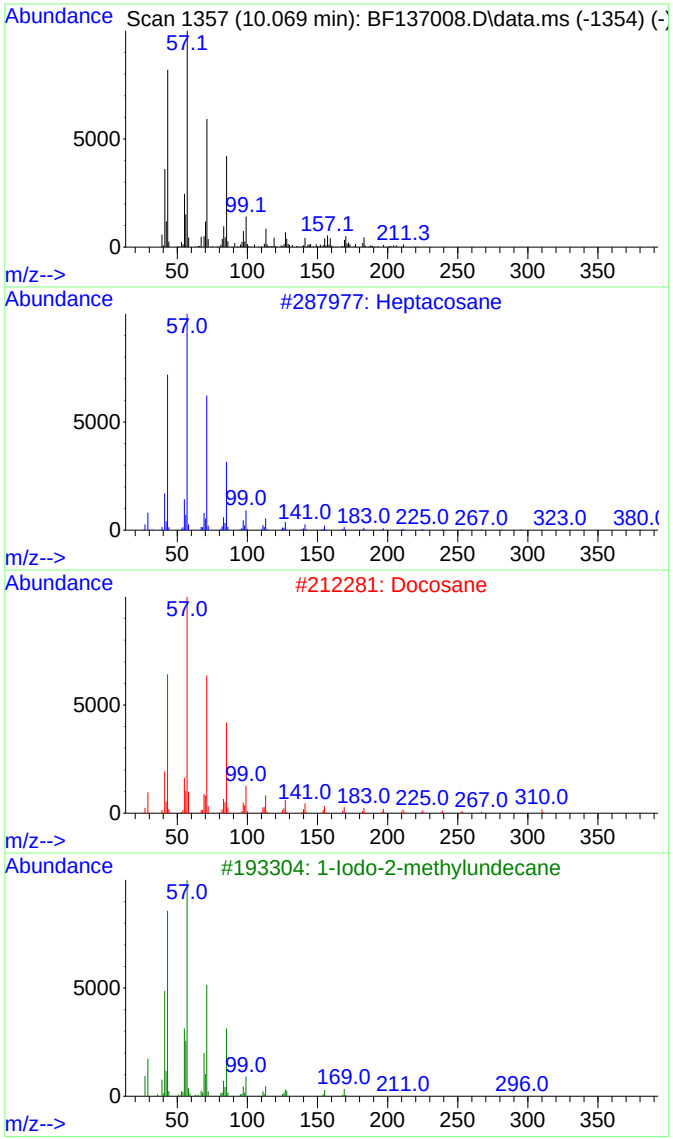
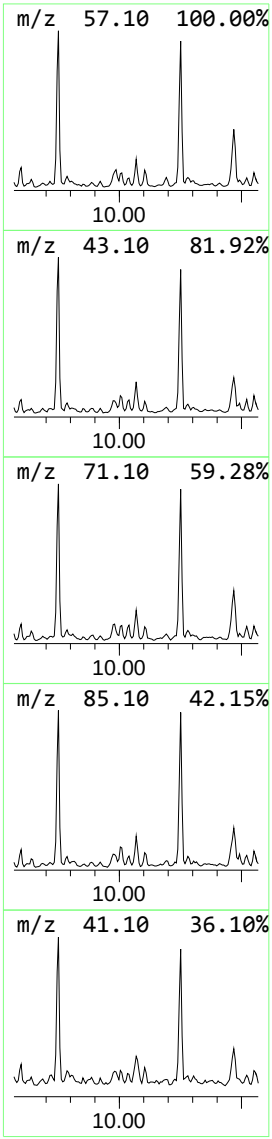
Peak Number 8 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	13.14 ng	307848	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Docosane	310	C22H46	000629-97-0	80
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	74
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	74
5	Dodecane	170	C12H26	000112-40-3	74





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Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-01052024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

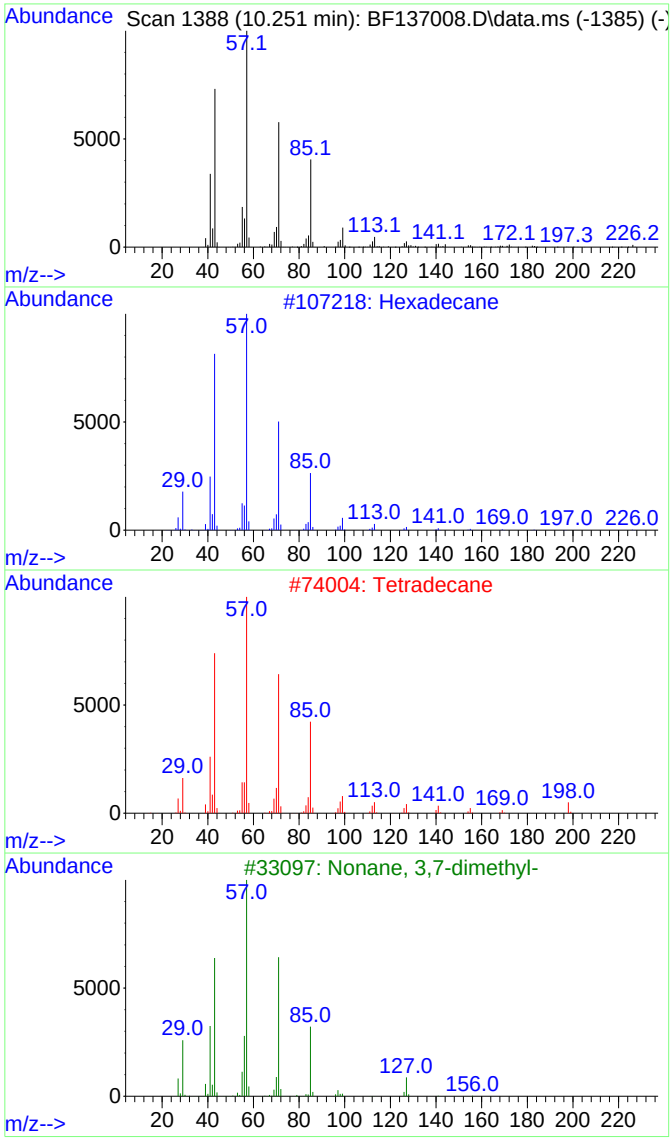
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

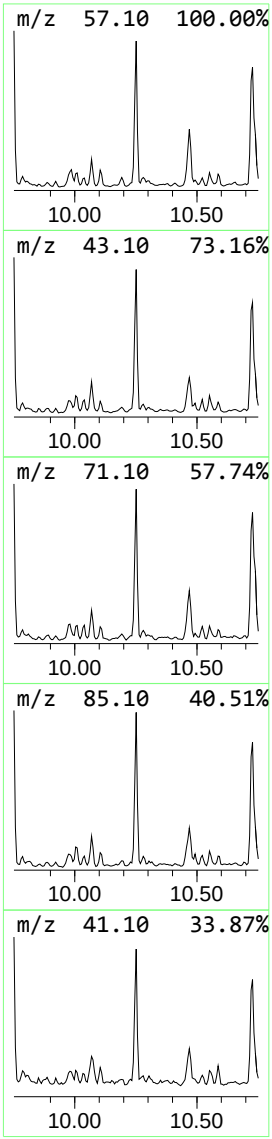
****

Peak Number 9 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	35.32 ng	827124	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	90
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4	Tridecane	184	C13H28	000629-50-5	80
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72





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Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-01052024

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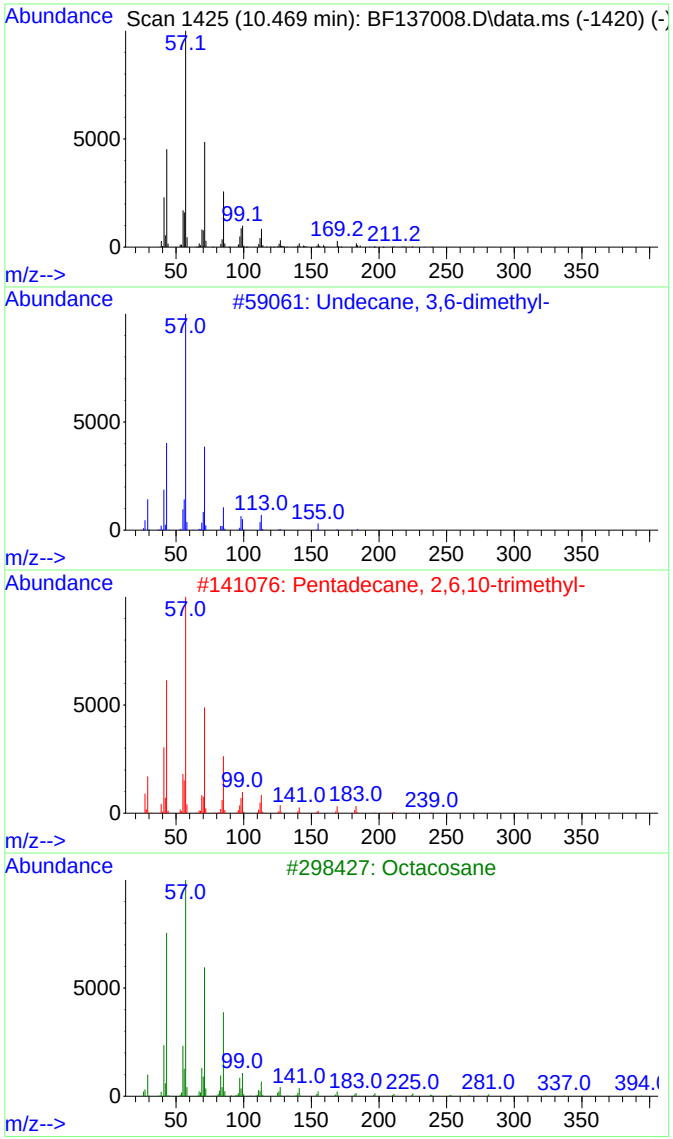
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

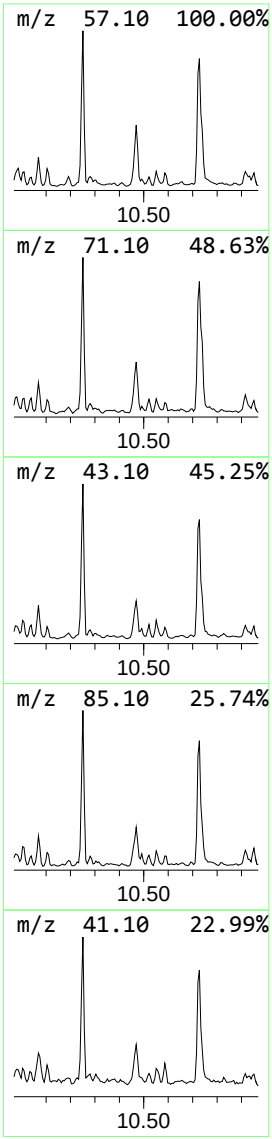
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Undecane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	20.93 ng	490214	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Octacosane	394	C28H58	000630-02-4	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Tetracosane	338	C24H50	000646-31-1	80





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Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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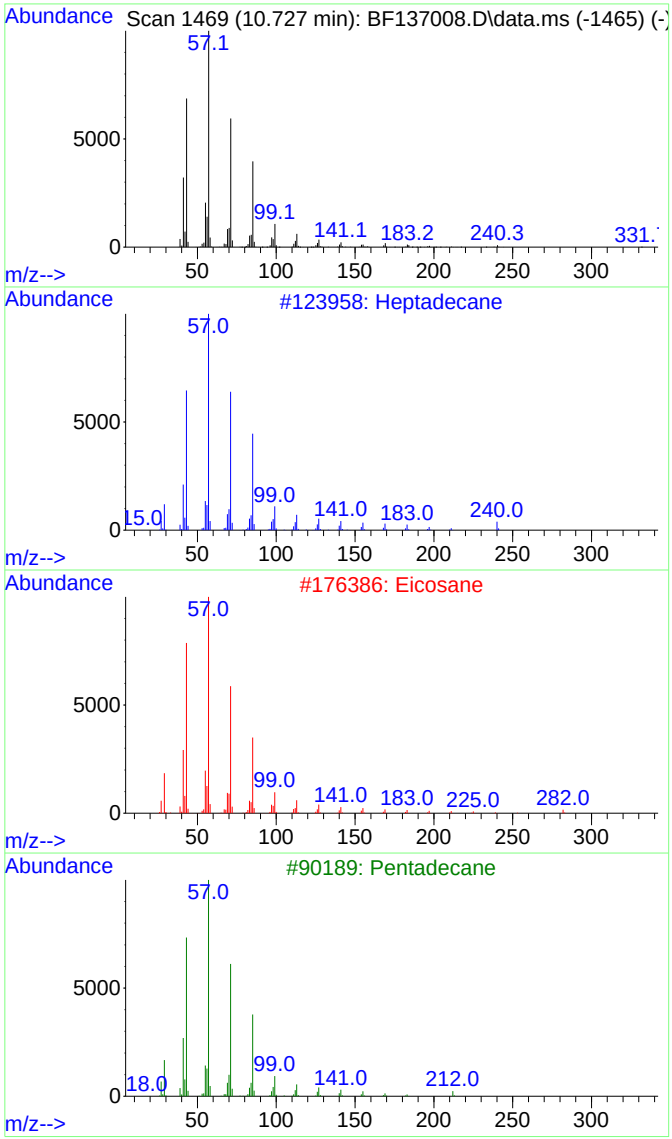
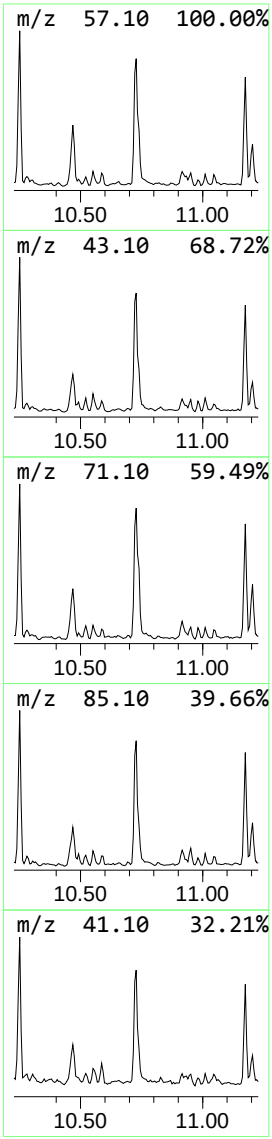
Peak Number 11 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	57.45 ng	1150460	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
TR-06-01052024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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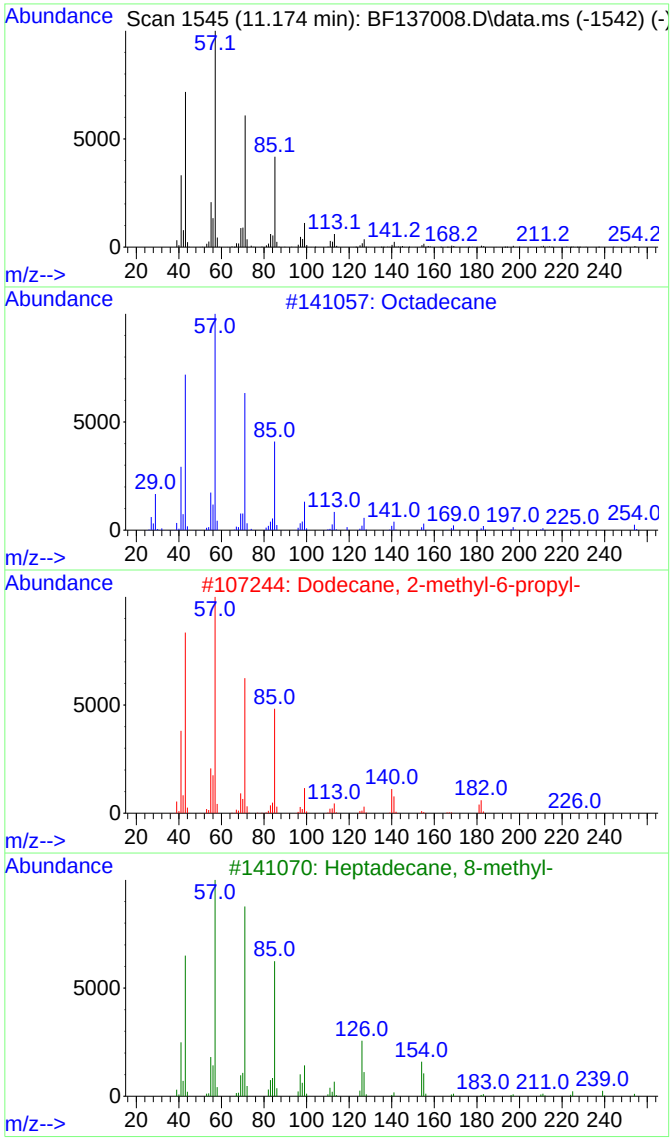
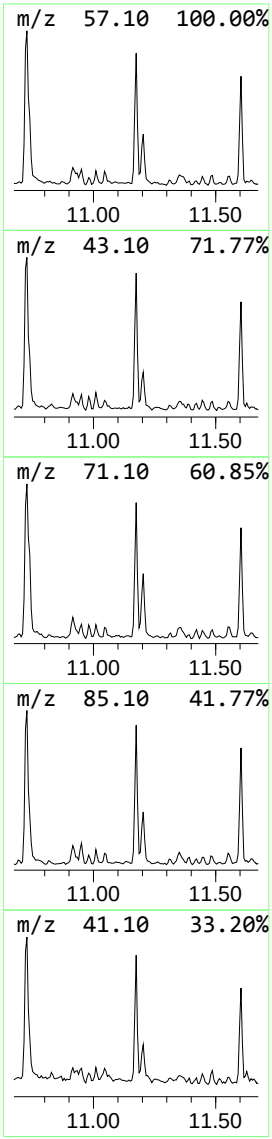
Peak Number 12 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	31.68 ng	634426	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexadecane	226	C16H34	000544-76-3	90





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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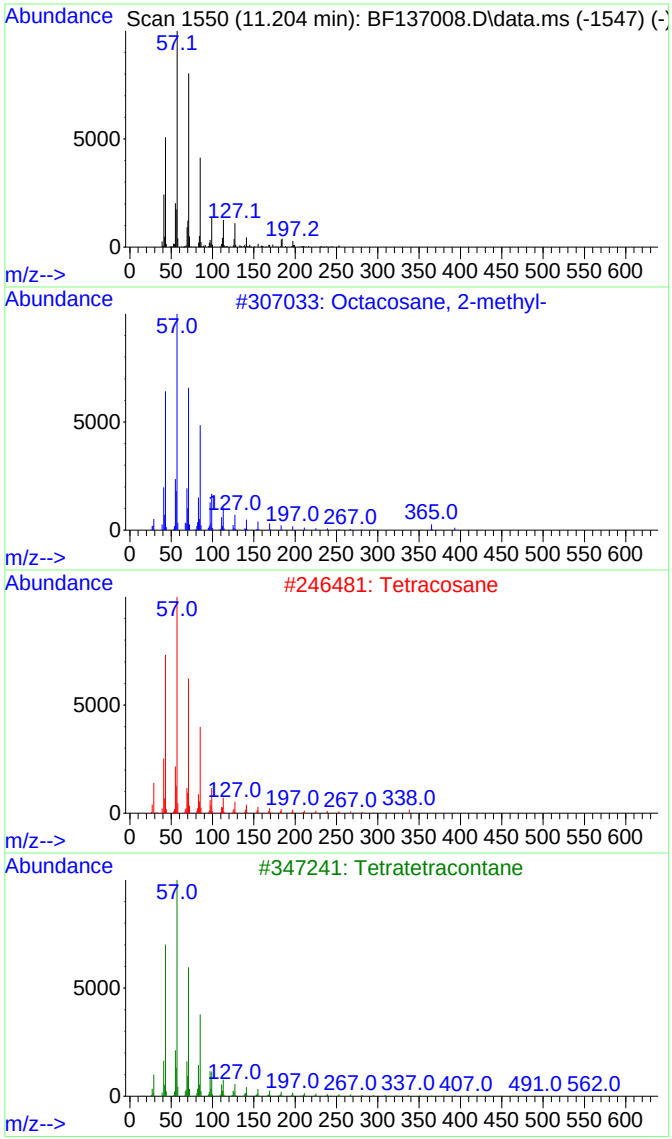
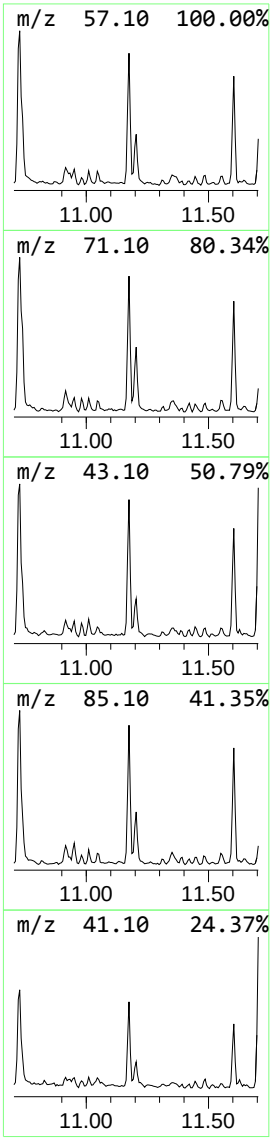
Peak Number 13 Octacosane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	17.80 ng	356439	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
2	Tetracosane	338	C24H50	000646-31-1	86
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	78





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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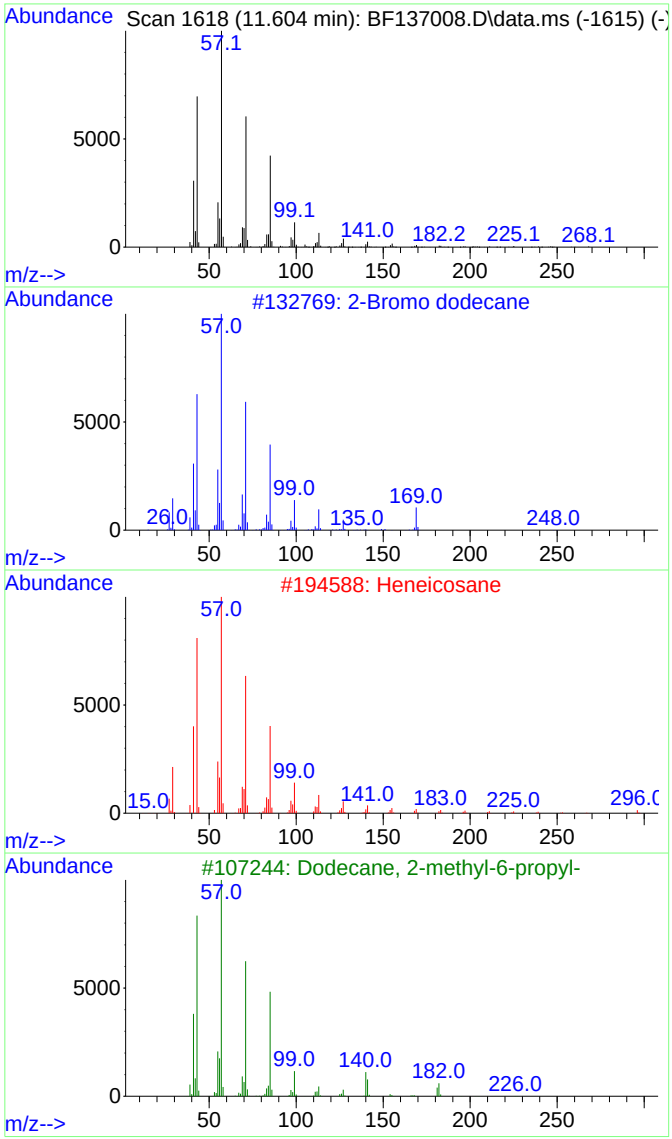
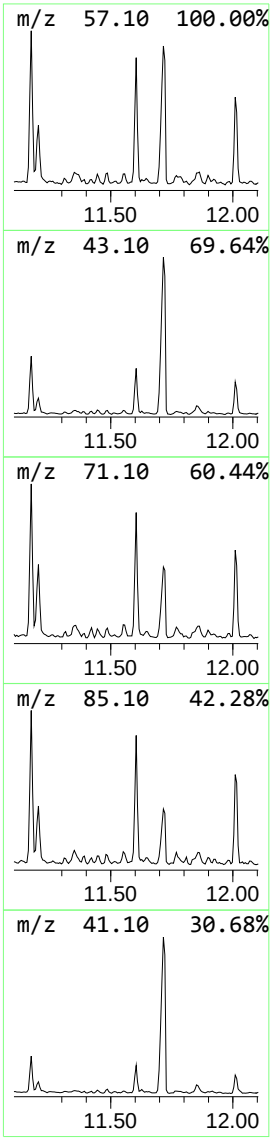
Peak Number 14 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	25.11 ng	502849	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Eicosane	282	C20H42	000112-95-8	90





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ClientSampleId :
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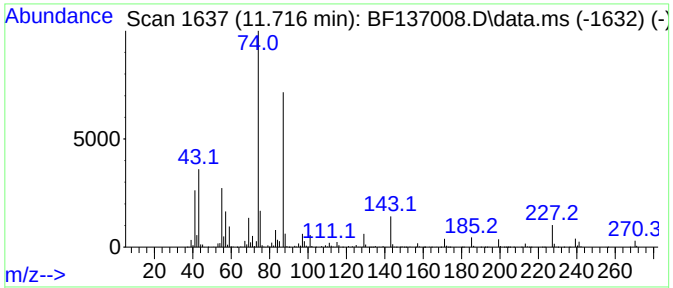
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

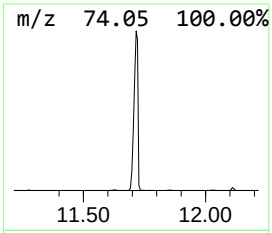
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

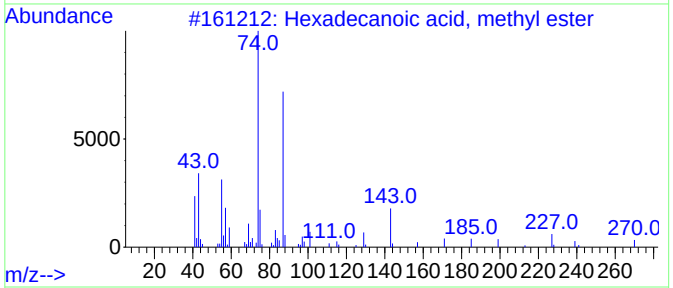
****
Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

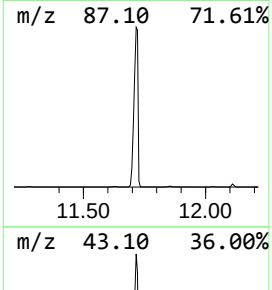
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	271.23 ng	5431880	Phenanthrene-d10	11.310

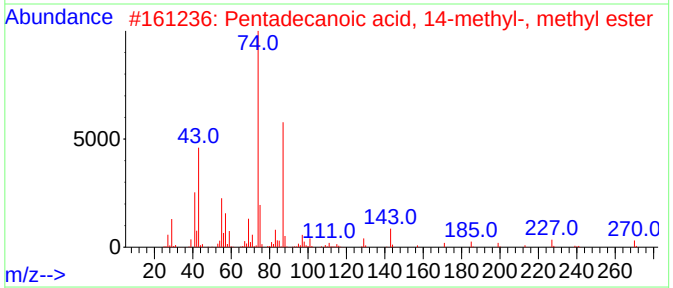
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83

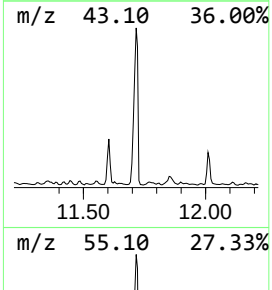


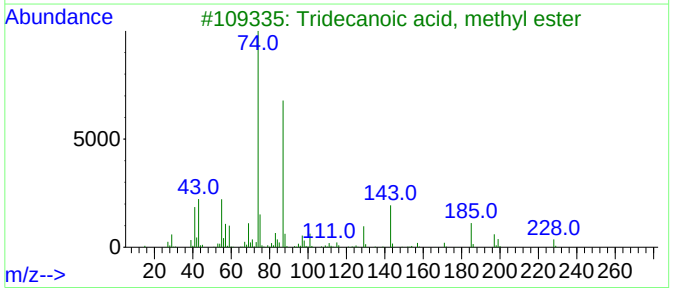


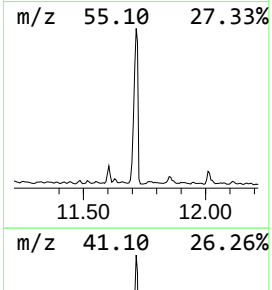


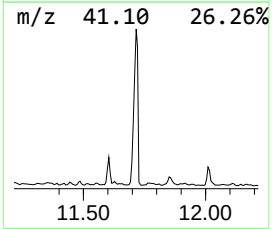












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Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

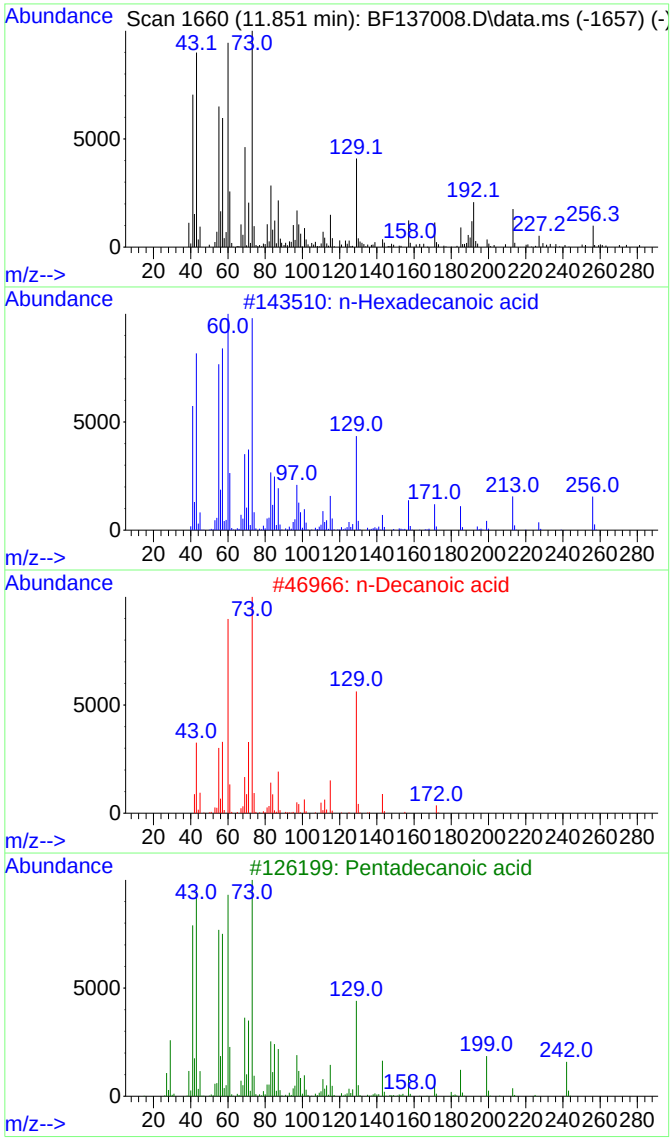
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

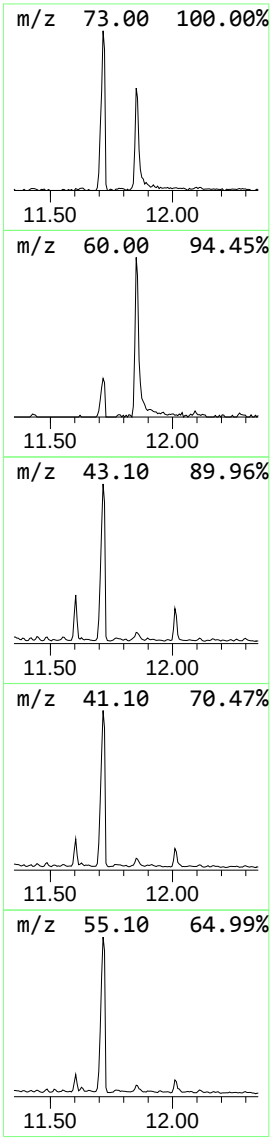
****

Peak Number 16 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	12.66 ng	253523	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	62
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Nonanoic acid	158	C9H18O2	000112-05-0	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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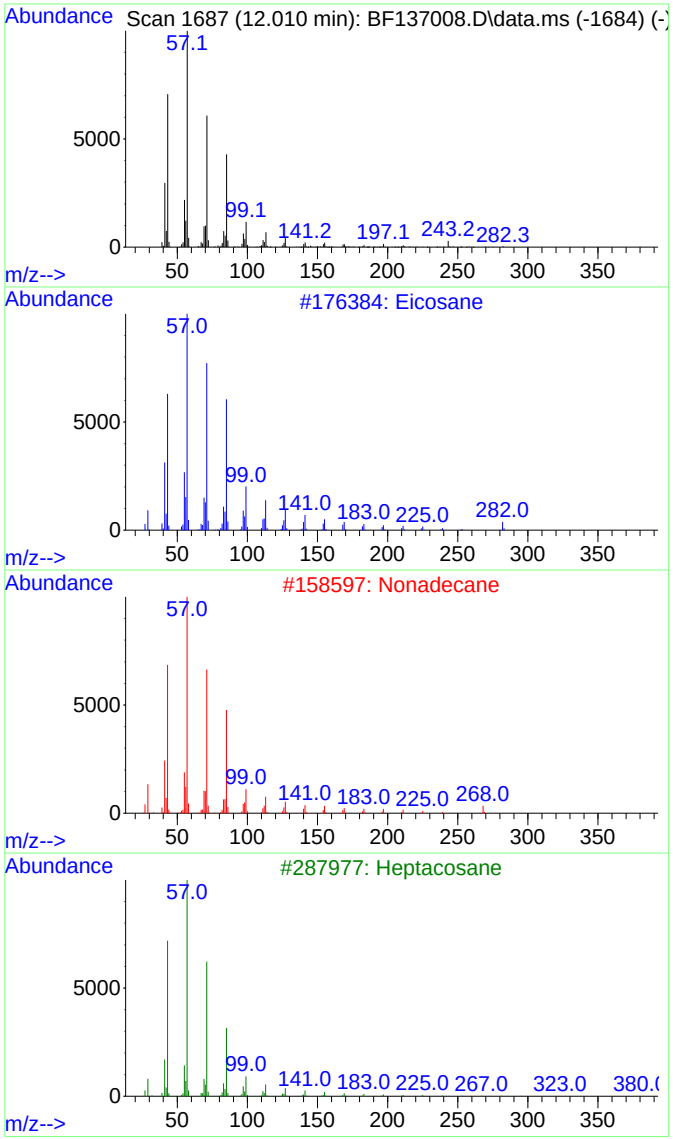
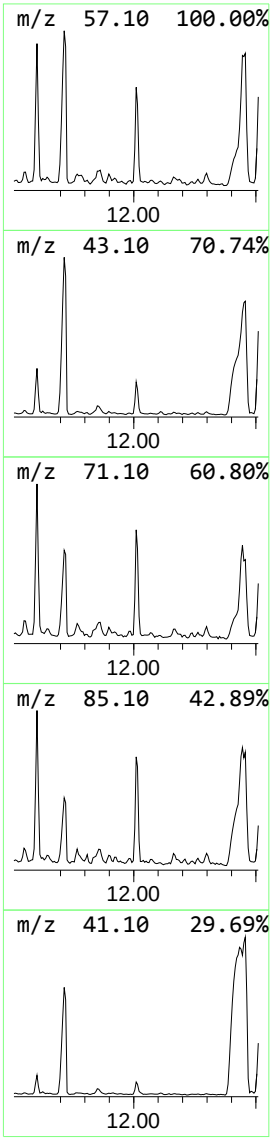
Peak Number 17 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	24.79 ng	496542	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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ClientSampleId :
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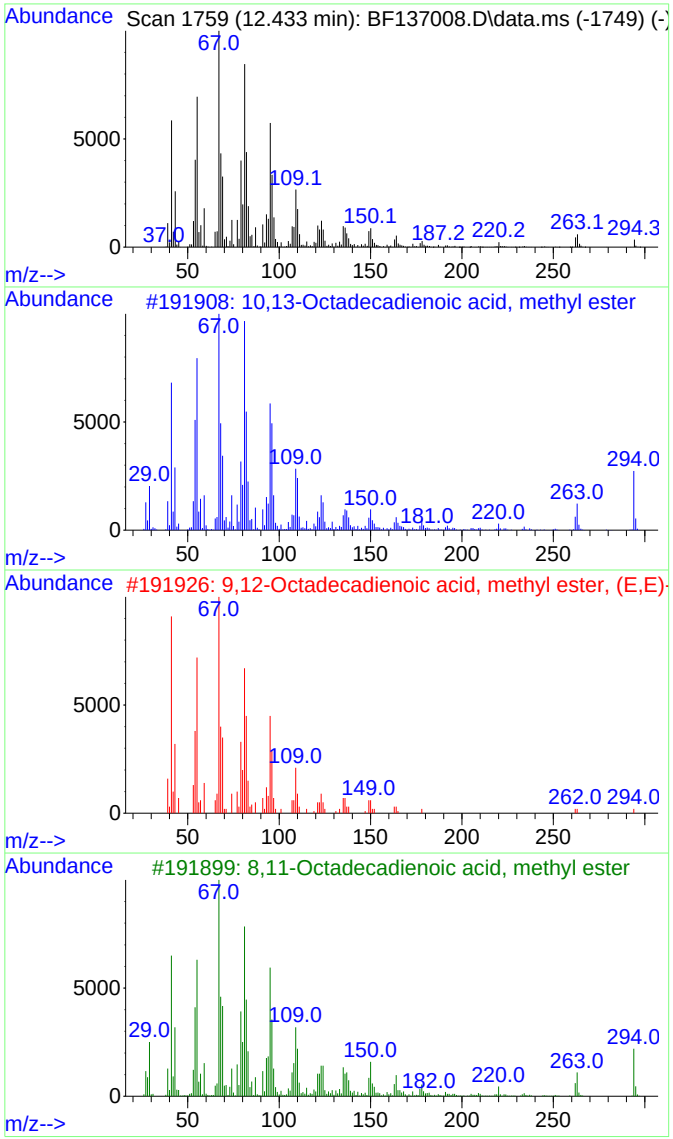
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

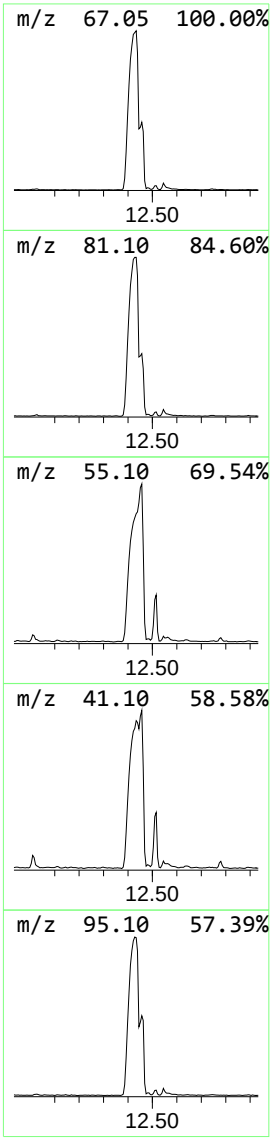
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	956.08 ng	19147100	Phenanthrene-d10	11.310

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





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Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

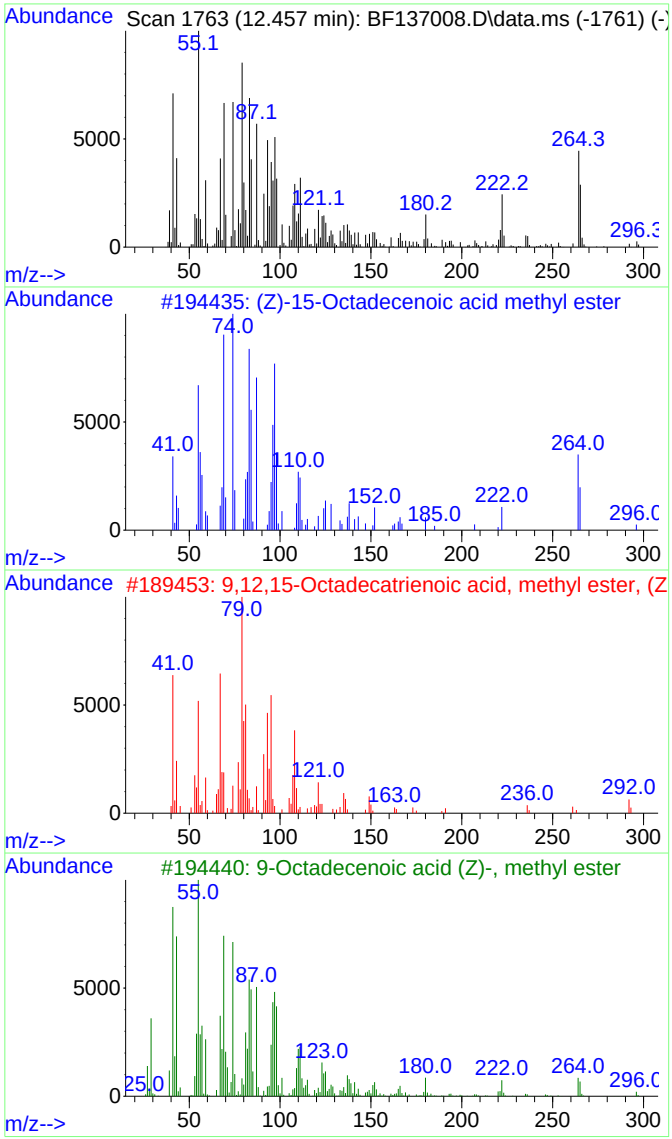
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

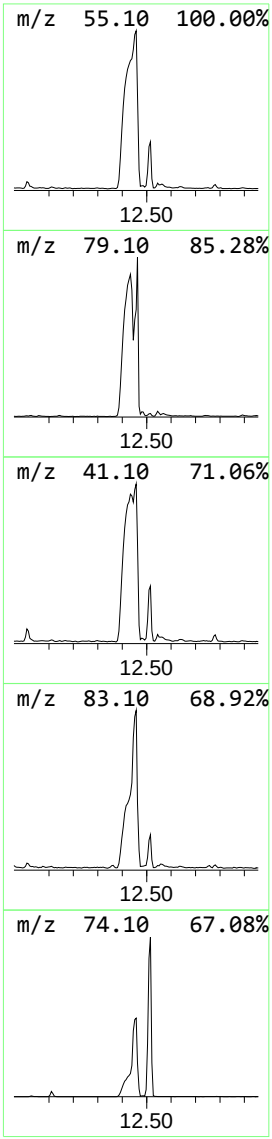
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (Z)-15-Octadecenoic acid me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	339.78 ng	6804770	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
2	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	94
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	78
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

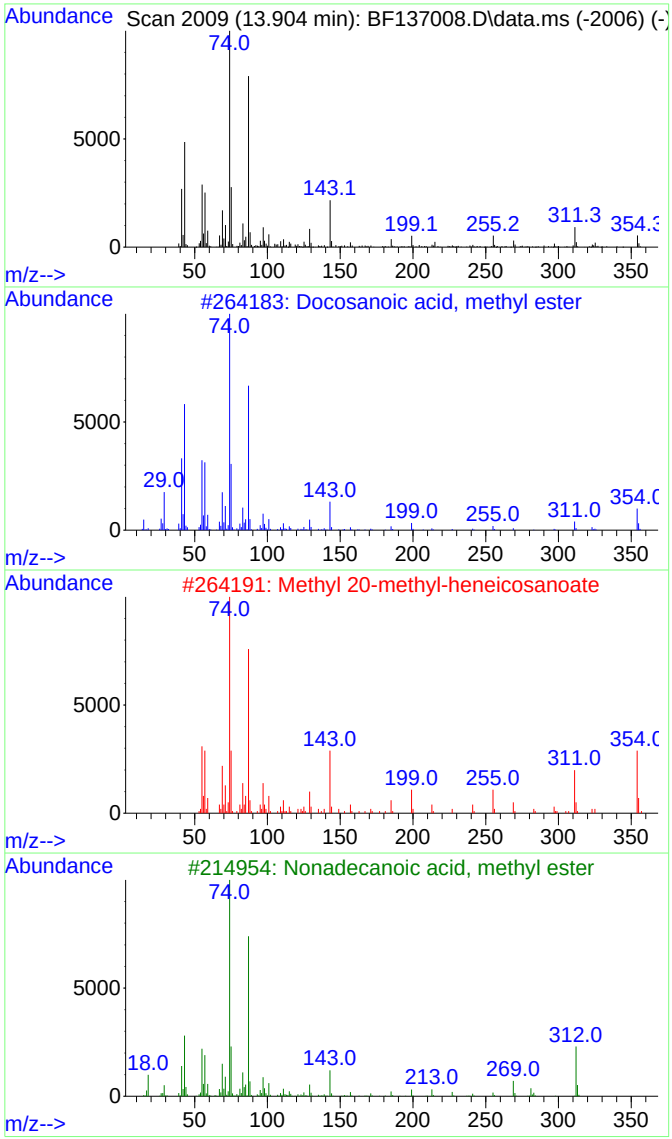
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

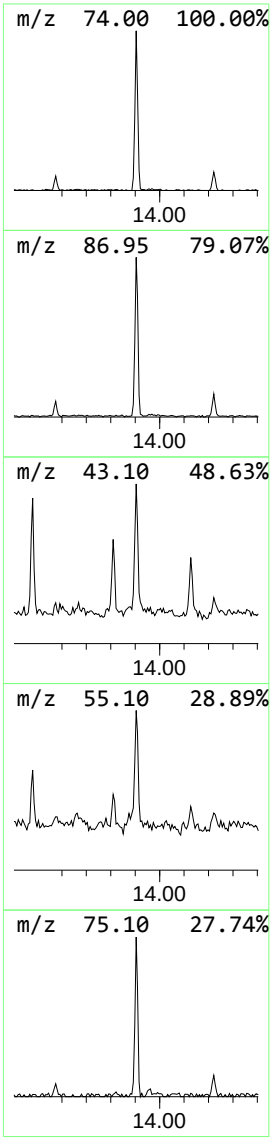
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	13.99 ng	257179	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	93
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Undecane, 2,6-d...	8.116	16.2	ng	367104	2	8.063	453356	20.0
unknown8.351	8.351	16.4	ng	372876	2	8.063	453356	20.0
Dodecane, 2,6,1...	8.481	13.6	ng	309244	2	8.063	453356	20.0
Tridecane	8.651	38.6	ng	874110	2	8.063	453356	20.0
Tetradecane	9.216	46.0	ng	1078280	3	9.816	468395	20.0
Decane, 5-propyl-	9.539	22.9	ng	536390	3	9.816	468395	20.0
Pentadecane	9.751	40.6	ng	949801	3	9.816	468395	20.0
Heptacosane	10.069	13.1	ng	307848	3	9.816	468395	20.0
Hexadecane	10.251	35.3	ng	827124	3	9.816	468395	20.0
Undecane, 3,6-d...	10.469	20.9	ng	490214	3	9.816	468395	20.0
Heptadecane	10.727	57.5	ng	1150460	4	11.310	400535	20.0
Octadecane	11.175	31.7	ng	634426	4	11.310	400535	20.0
Octacosane, 2-m...	11.204	17.8	ng	356439	4	11.310	400535	20.0
2-Bromo dodecane	11.604	25.1	ng	502849	4	11.310	400535	20.0
Hexadecanoic ac...	11.716	271.2	ng	5431880	4	11.310	400535	20.0
n-Hexadecanoic ...	11.851	12.7	ng	253523	4	11.310	400535	20.0
Eicosane	12.010	24.8	ng	496542	4	11.310	400535	20.0
10,13-Octadecad...	12.433	956.1	ng	19147100	4	11.310	400535	20.0
(Z)-15-Octadece...	12.457	339.8	ng	6804770	4	11.310	400535	20.0
Docosanoic acid...	13.904	14.0	ng	257179	5	13.968	367575	20.0