LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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: BF137029.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	565	568	580	rBV	552877	546768	3.19%	0.977%
2	6.434	736	739	751	rBV	545970	530608	3.09%	0.948%
3	6.787	795	799	802	rBV	301816	268855	1.57%	0.480%
4	7.345	891	894	896	rBV	413411	341005	1.99%	0.609%
5	7.375	896	899	902	rVB	253193	213624	1.25%	0.382%
6	8.040	1009	1012	1014	rVV	706120	599562	3.50%	1.071%
7	8.063	1014	1016	1018	rVV	367519	335123	1.95%	0.599%
8	8.116	1021	1025	1028	rVB2	212813	236390	1.38%	0.422%
9	8.351	1060	1065	1071	rBV5	167500	263745	1.54%	0.471%
10	8.481	1083	1087	1089	rBV2	238532	224135	1.31%	0.400%
11	8.563	1098	1101	1104	rBV2	253940	193476	1.13%	0.346%
12	8.651	1113	1116	1119	rBV	896333	683020	3.98%	1.220%
13	8.881	1151	1155	1158	rBV2	223957	255203	1.49%	0.456%
14	9.016	1174	1178	1181	rVB3	151738	201047	1.17%	0.359%
15	9.081	1186	1189	1191	rVV2	248323	177583	1.04%	0.317%
16	9.139	1196	1199	1203	rVV	630186	541121	3.16%	0.967%
17	9.216	1208	1212	1215	rBV	924932	798208	4.66%	1.426%
18	9.404	1240	1244	1247	rVB3	178923	210153	1.23%	0.375%
19	9.475	1253	1256	1258	rVV2	246484	257422	1.50%	0.460%
20	9.539	1262	1267	1269	rVV3	316995	389222	2.27%	0.695%
21	9.598	1274	1277	1281	rBV	204399	181846	1.06%	0.325%
22	9.681	1288	1291	1295	rBV	187321	188557	1.10%	0.337%
23	9.751	1300	1303	1306	rVB	886333	716063	4.18%	1.279%
24	9.816	1306	1314	1317	rBV3	333388	449129	2.62%	0.802%
25	10.022	1348	1349	1354	rVB2	181668	179943	1.05%	0.321%
26	10.069	1354	1357	1361	rBV4	204557	249382	1.45%	0.445%
27	10.251	1385	1388	1390	rVB	866936	630152	3.68%	1.126%
28	10.369	1405	1408	1414	rVB	268653	265967	1.55%	0.475%
29	10.469	1420	1425	1431	rVB	232795	341680	1.99%	0.610%
30	10.616	1447	1450	1453	rVV	359441	309441	1.80%	0.553%
31	10.728	1465	1469	1477	rVB	763199	900968	5.26%	1.609%
32	10.922	1498	1502	1505	rBV3	127281	178549	1.04%	0.319%
33	11.175	1542	1545	1548	rBV	597036	490160	2.86%	0.876%
34	11.204	1548	1550	1556	rVB2	327859	347248	2.03%	0.620%
35	11.316	1565	1569	1571	rBV	369604	373133	2.18%	0.666%
36	11.339	1571	1573	1577	rVV	1303254	1126110	6.57%	2.011%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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	11.392	1579	1582	1585	rVB	403198	308295	1.80%	0.551%
38	11.604	1615	1618	1621	rBV	557974	445443	2.60%	0.796%
39	11.722	1632	1638	1640	rBV	4367714	4574397	26.68%	8.171%
40	11.822	1651	1655	1657	rVV	182733	183153	1.07%	0.327%
41	11.851	1657	1660	1665	rVV2	365028	413997	2.41%	0.739%
42	11.933	1670	1674	1676	rVV	406114	415742	2.42%	0.743%
43	12.016	1685	1688	1693	rBV	491802	452830	2.64%	0.809%
44	12.433	1750	1759	1761	rVV	6945486	17144816	100.00%	30.623%
45	12.457	1761	1763	1766	rVV2	6869801	6179825	36.04%	11.038%
46	12.516	1769	1773	1775	rBV	2689591	2196390	12.81%	3.923%
47	12.545	1775	1778	1781	rBV	1571702	1360919	7.94%	2.431%
48	12.780	1812	1818	1824	rVV	1298637	1699360	9.91%	3.035%
49	12.916	1835	1841	1843	rBV2	641546	690349	4.03%	1.233%
50	12.992	1851	1854	1861	rBV5	121296	261683	1.53%	0.467%
51	13.104	1865	1873	1876	rBV2	357017	553280	3.23%	0.988%
52	13.139	1876	1879	1881	rBV	269890	272163	1.59%	0.486%
53	13.169	1881	1884	1887	rVV	311093	378493	2.21%	0.676%
54	13.210	1887	1891	1893	rVV2	180109	229935	1.34%	0.411%
55	13.233	1893	1895	1898	rVB	237967	220619	1.29%	0.394%
56	13.486	1935	1938	1940	rBV	194354	174605	1.02%	0.312%
57	13.910	2007	2010	2014	rVB	294641	255047	1.49%	0.456%
58	13.969	2017	2020	2024	rVV2	779403	1104575	6.44%	1.973%
59	14.004	2024	2026	2033	rVB	587432	582608	3.40%	1.041%
60	15.033	2198	2201	2204	rBV	379739	494323	2.88%	0.883%
61	15.345	2251	2254	2259	rVB	189380	218273	1.27%	0.390%
62	15.410	2261	2265	2270	rVB	354158	455563	2.66%	0.814%
63	15.468	2272	2275	2279	rBV	190905	272174	1.59%	0.486%
64	16.998	2531	2535	2542	rVB	131739	252536	1.47%	0.451%

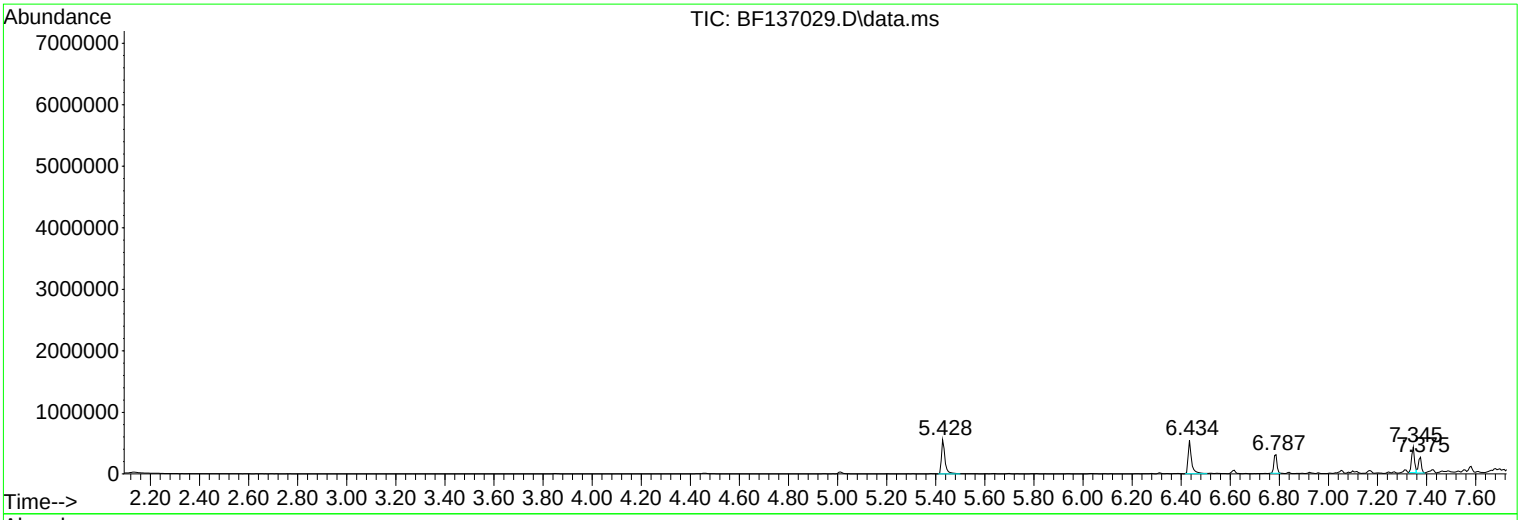
Sum of corrected areas: 55985991

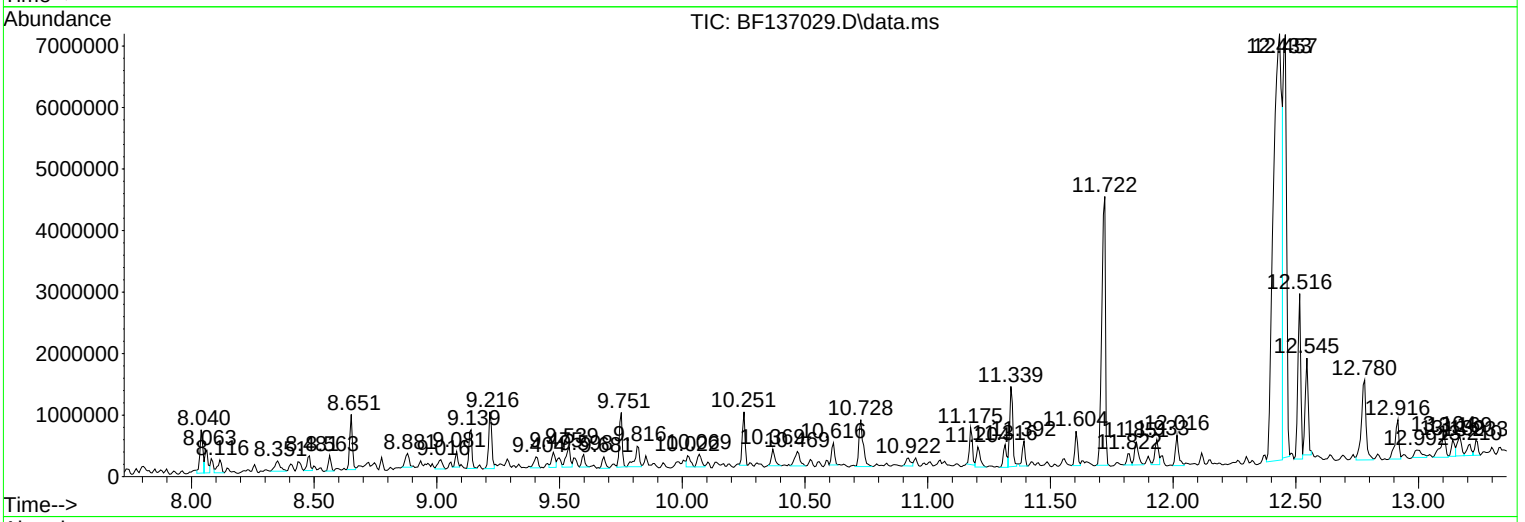
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

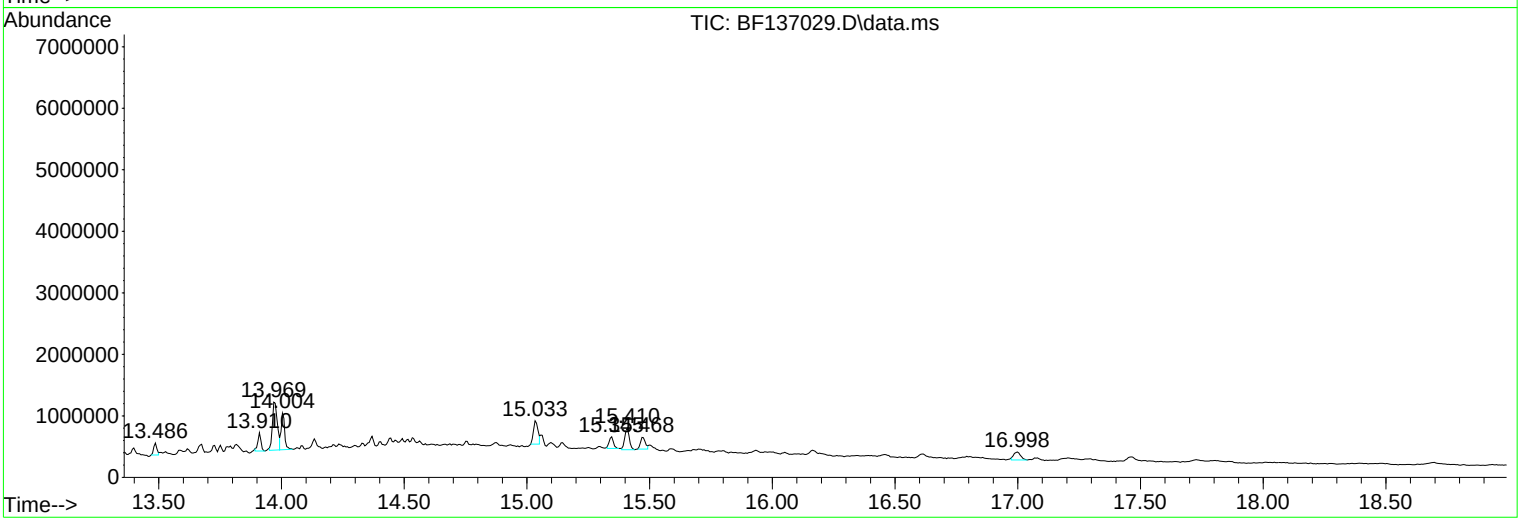
Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

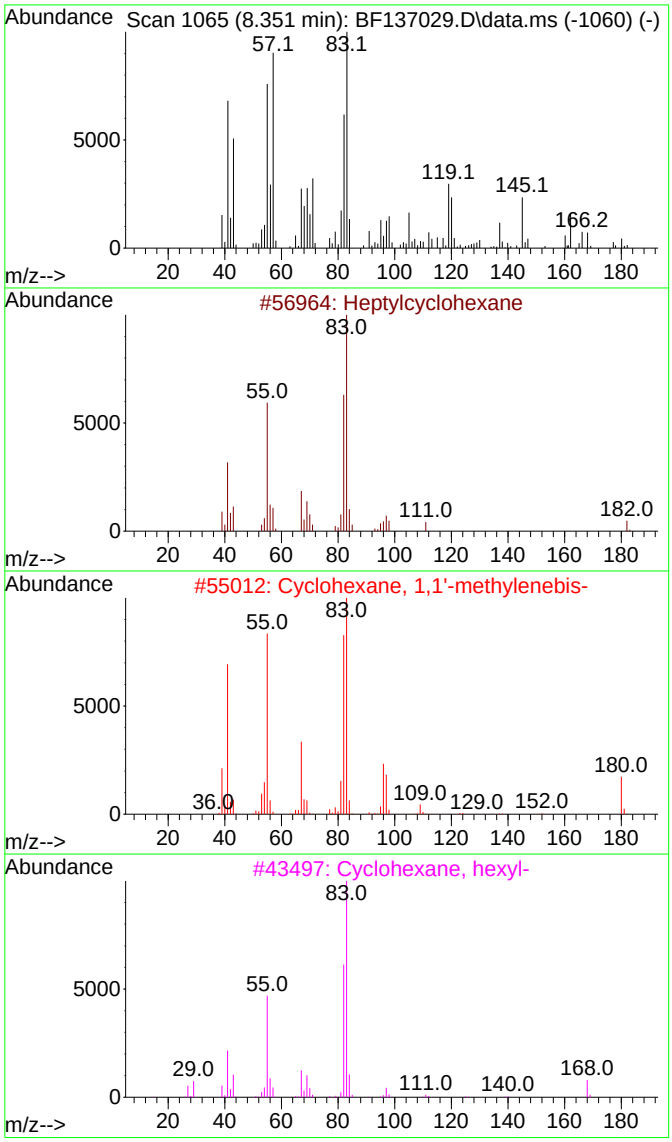
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

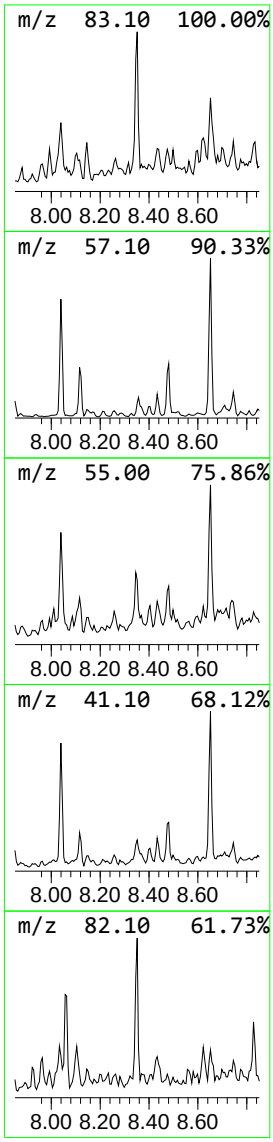
****

Peak Number 1 Heptylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	15.74 ng	263745	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	47
2	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	46
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

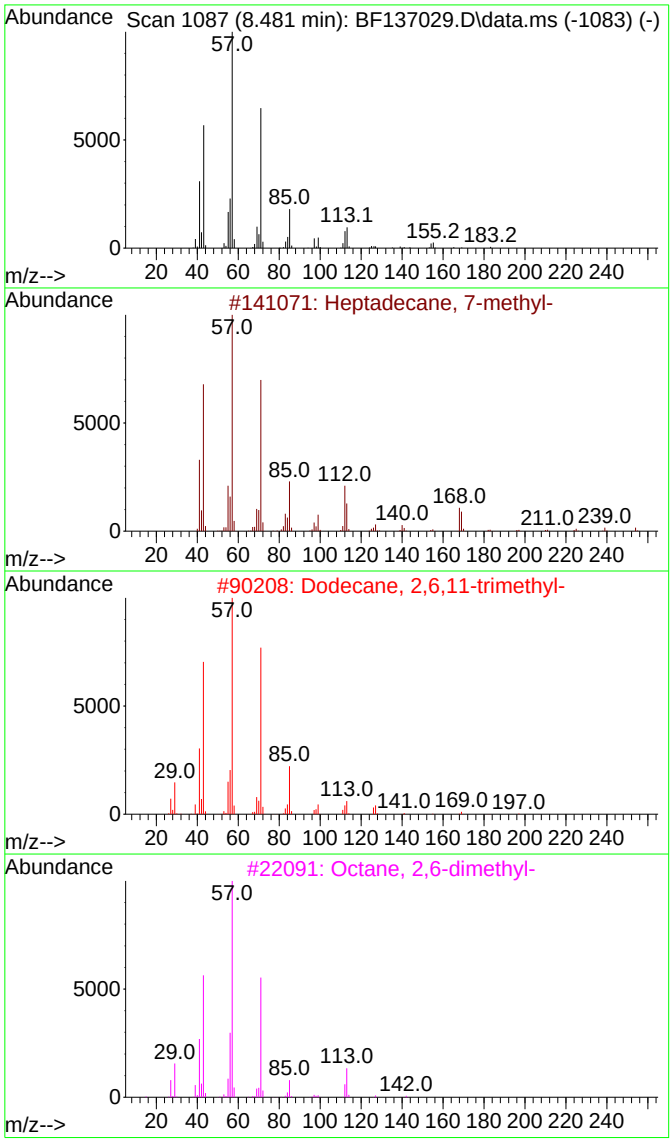
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

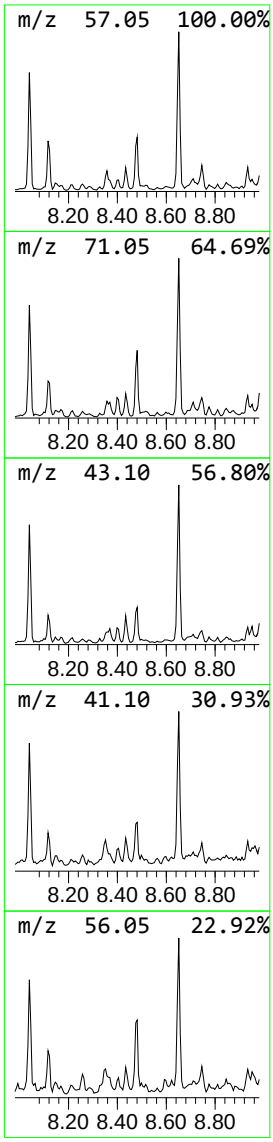
****

Peak Number 2 Heptadecane, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	13.38 ng	224135	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	78
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

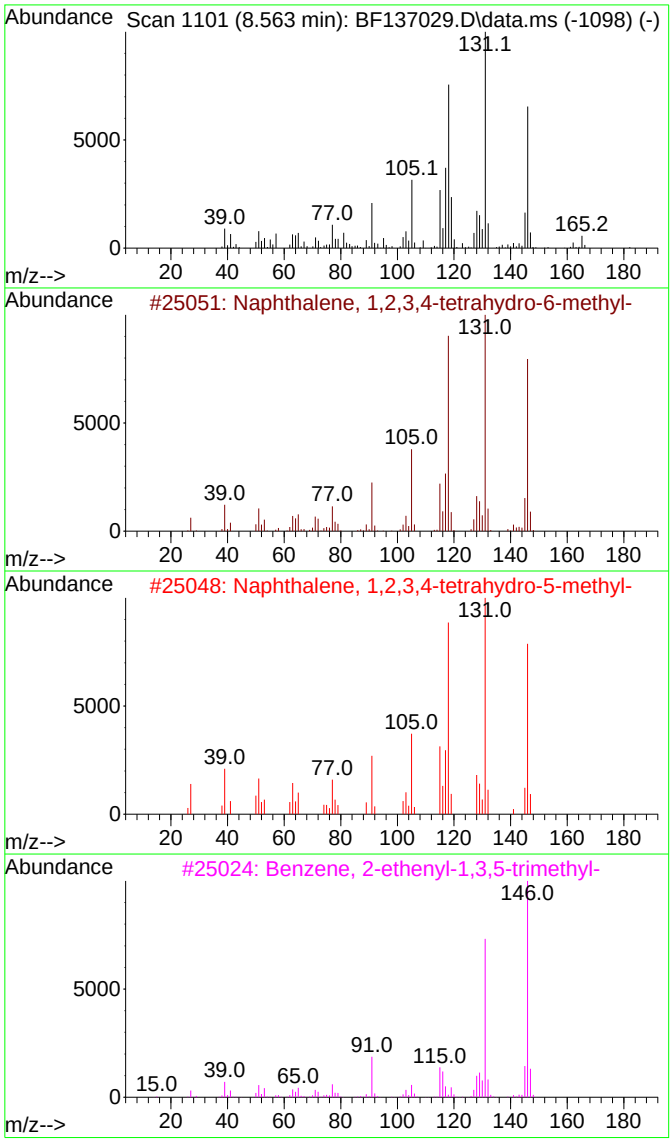
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

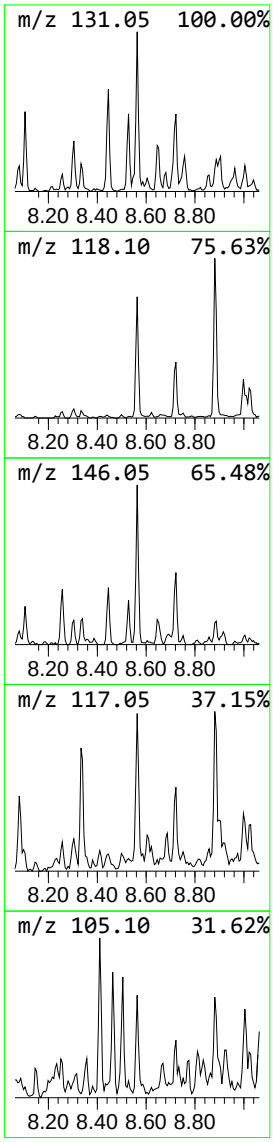
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	11.55 ng	193476	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

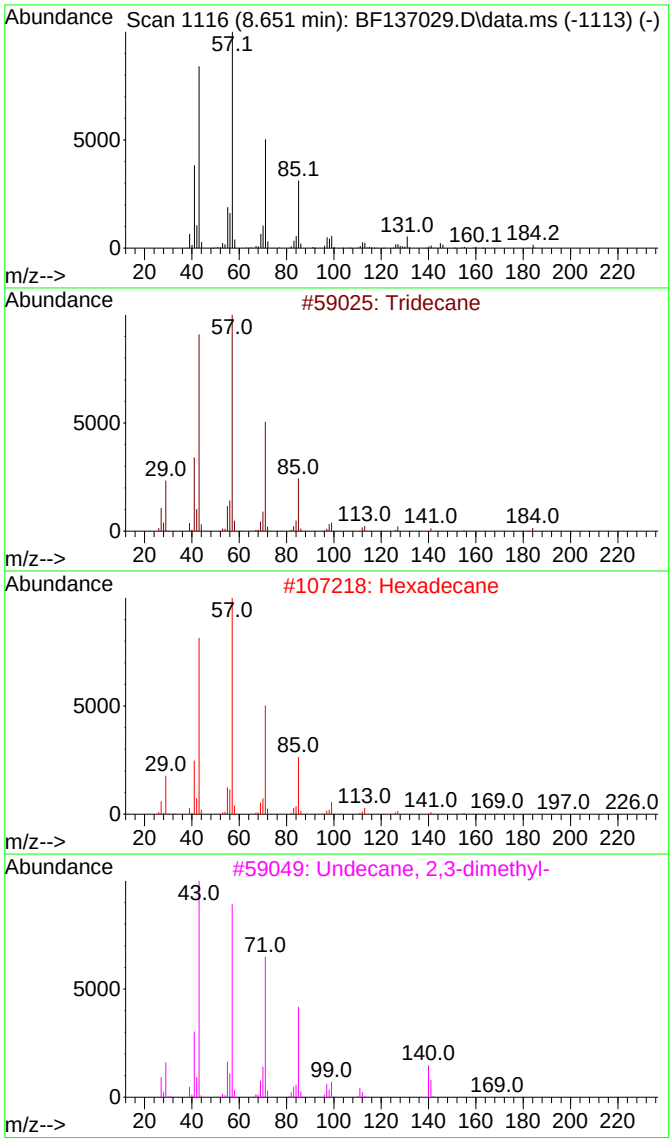
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

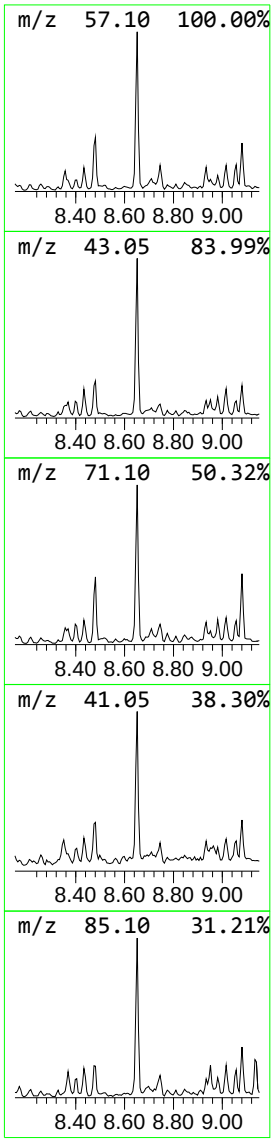
****

Peak Number 4 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	40.76 ng	683020	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

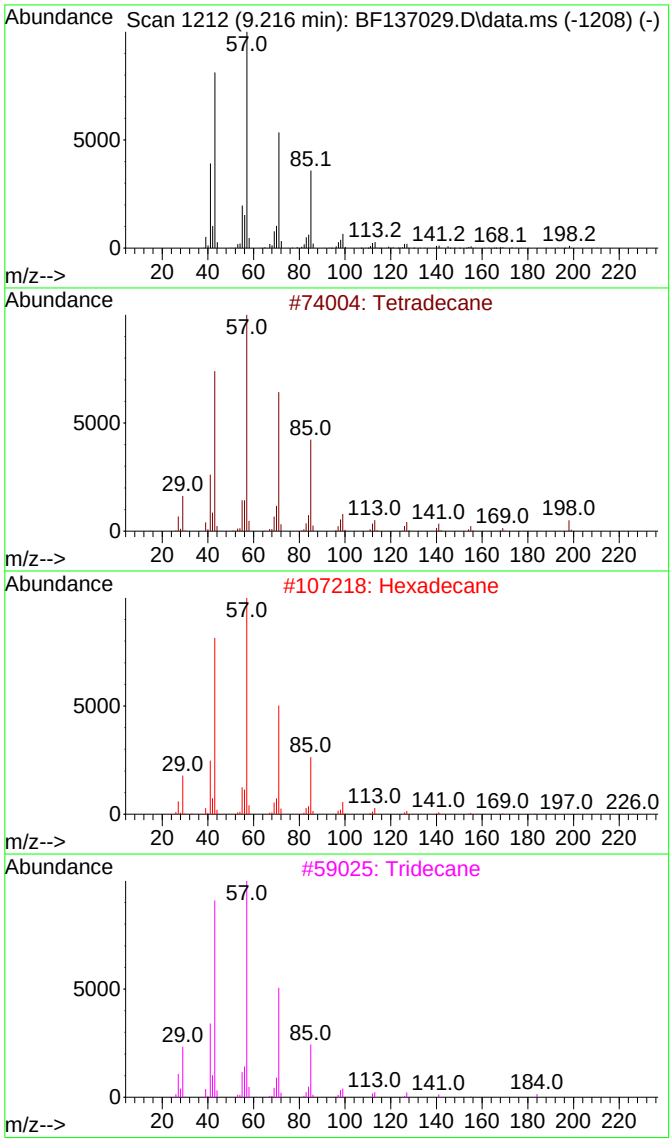
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

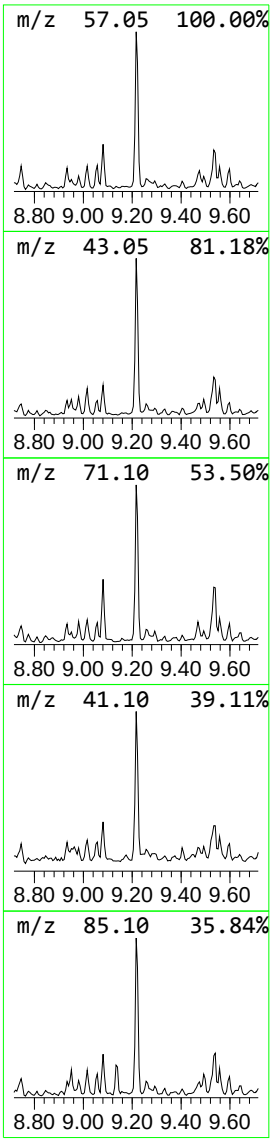
****

Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	35.54 ng	798208	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Undecane	156	C11H24	001120-21-4	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

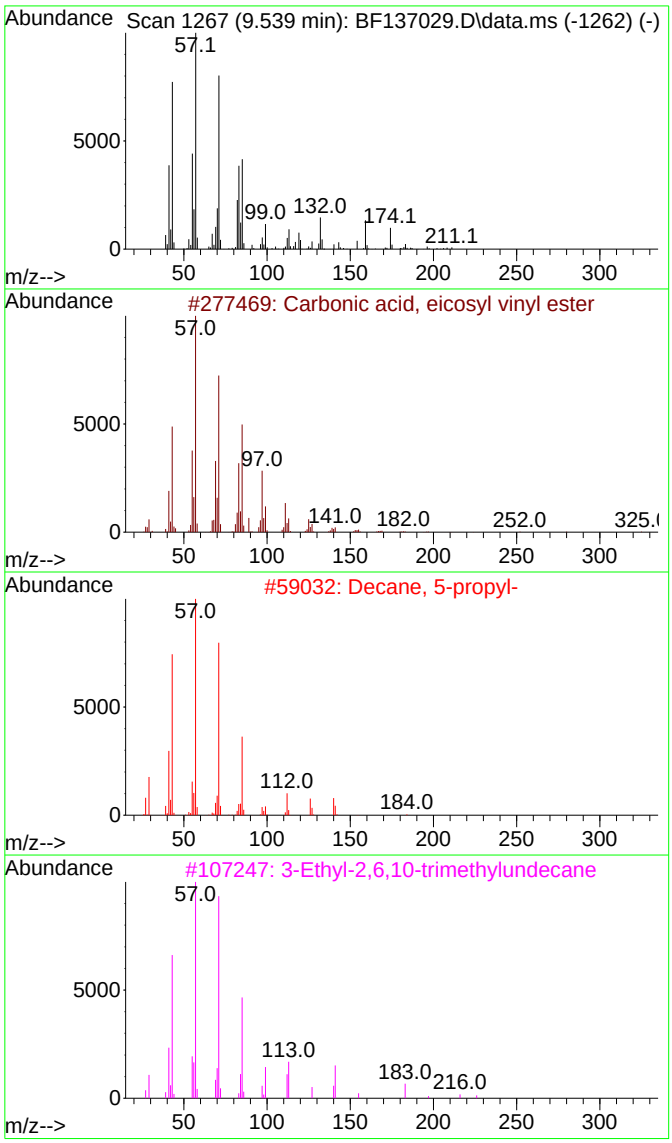
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

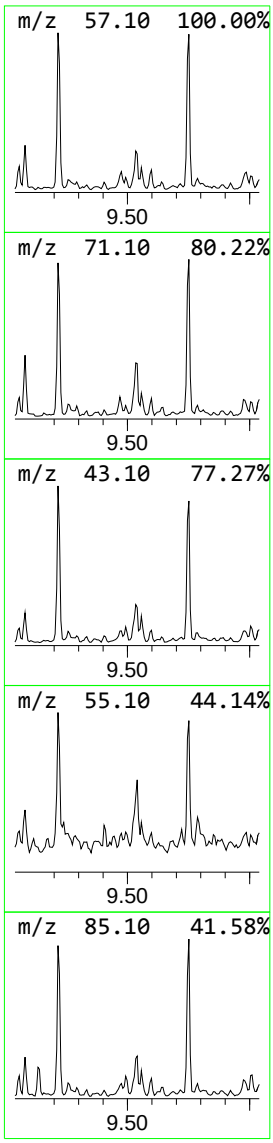
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Carbonic acid, eicosyl viny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.539	17.33 ng	389222	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
2	Decane, 5-propyl-	184	C13H28	017312-62-8	49
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	49
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
5	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

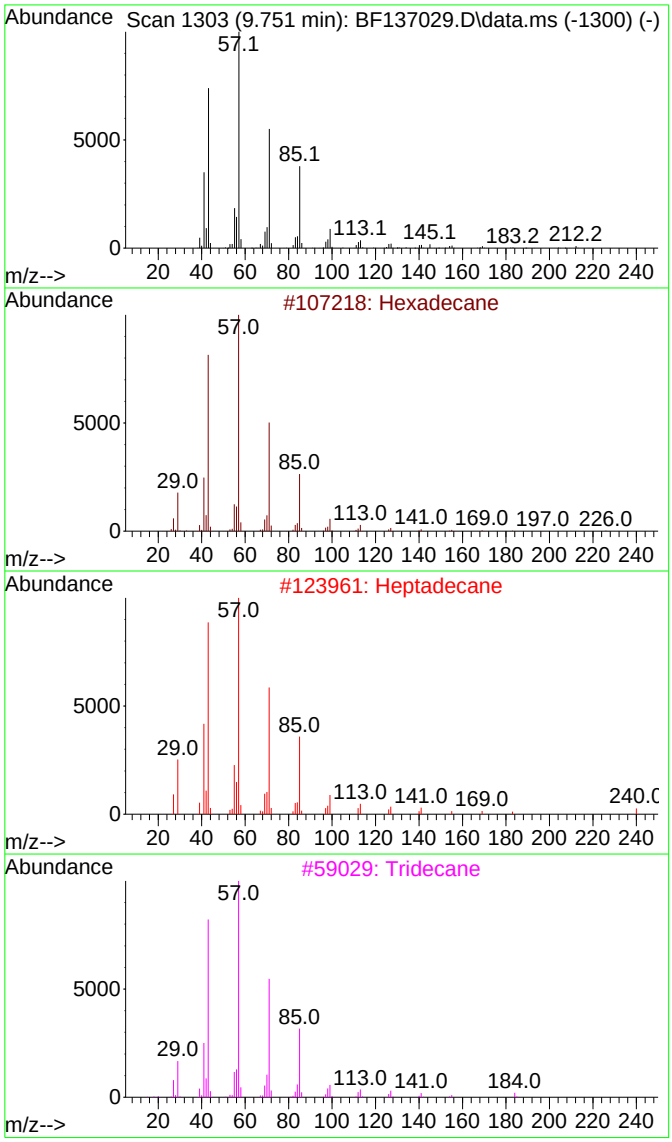
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

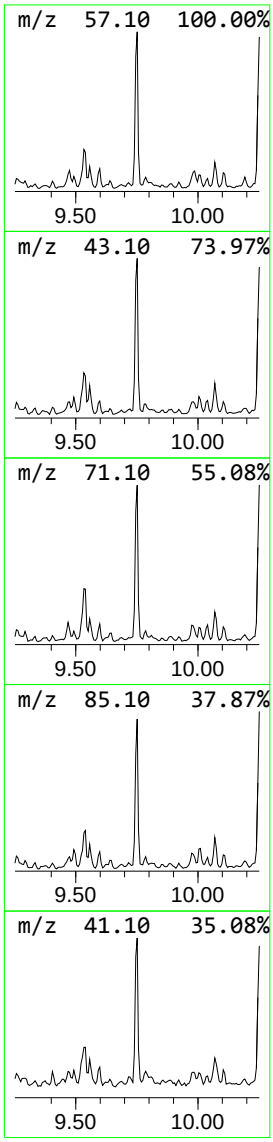
****

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	31.89 ng	716063	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

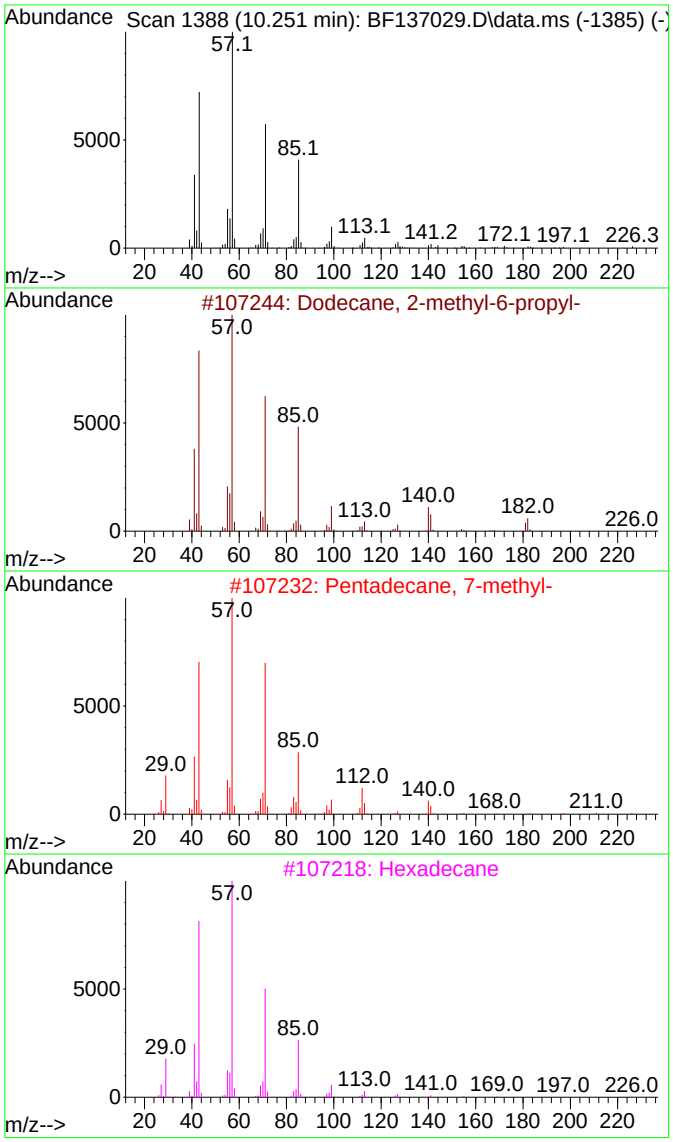
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

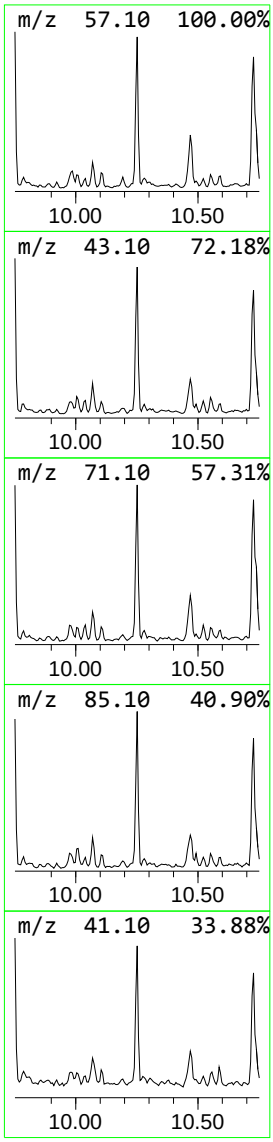
****

Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	28.06 ng	630152	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	74
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

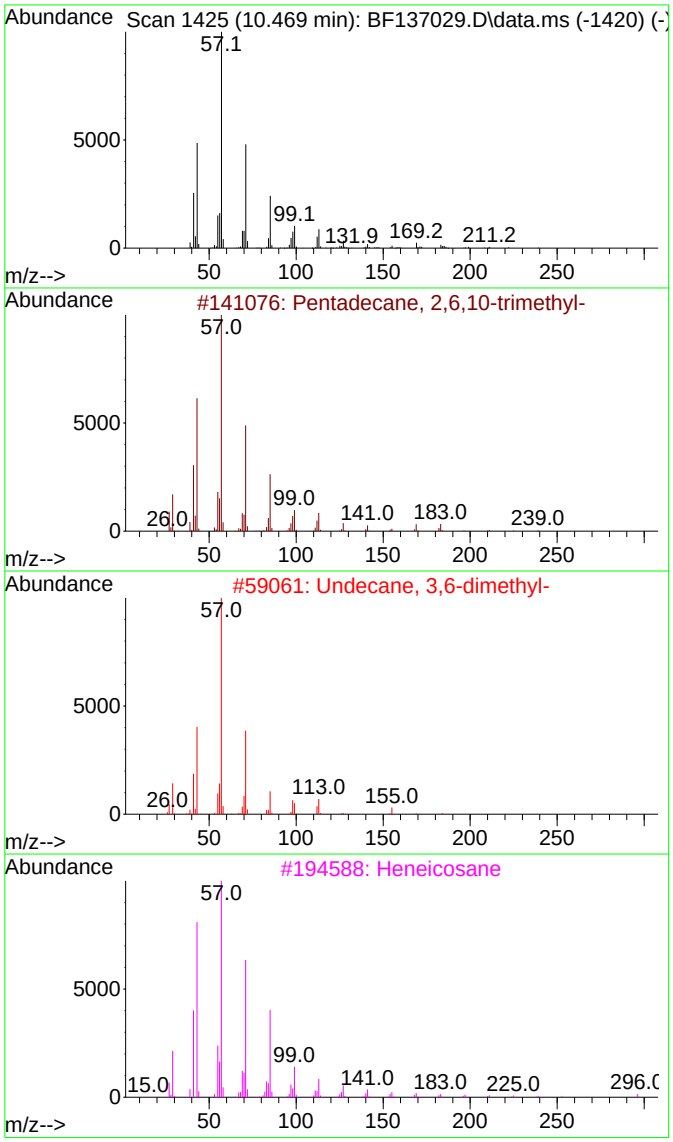
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

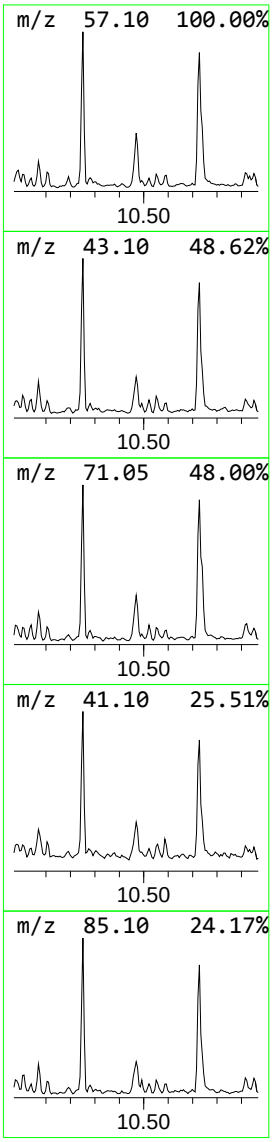
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	15.22 ng	341680	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

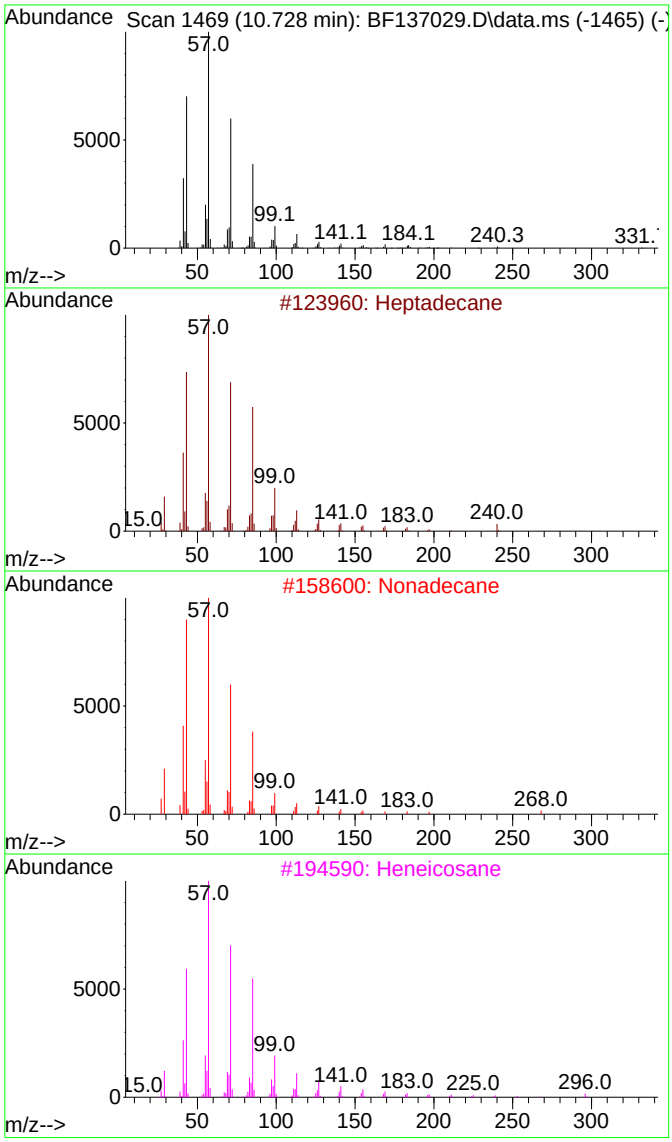
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

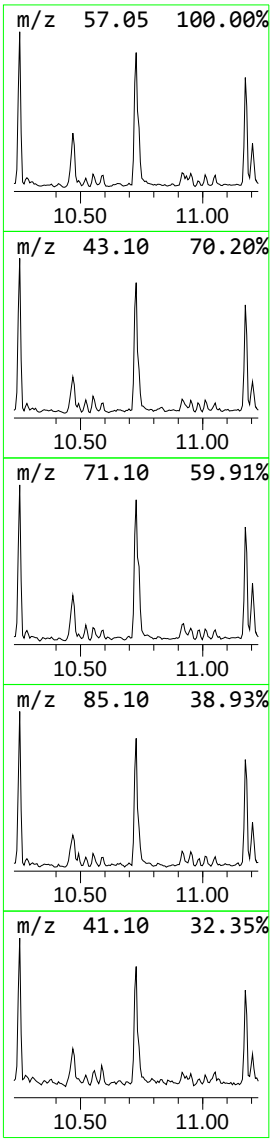
****

Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	48.29 ng	900968	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

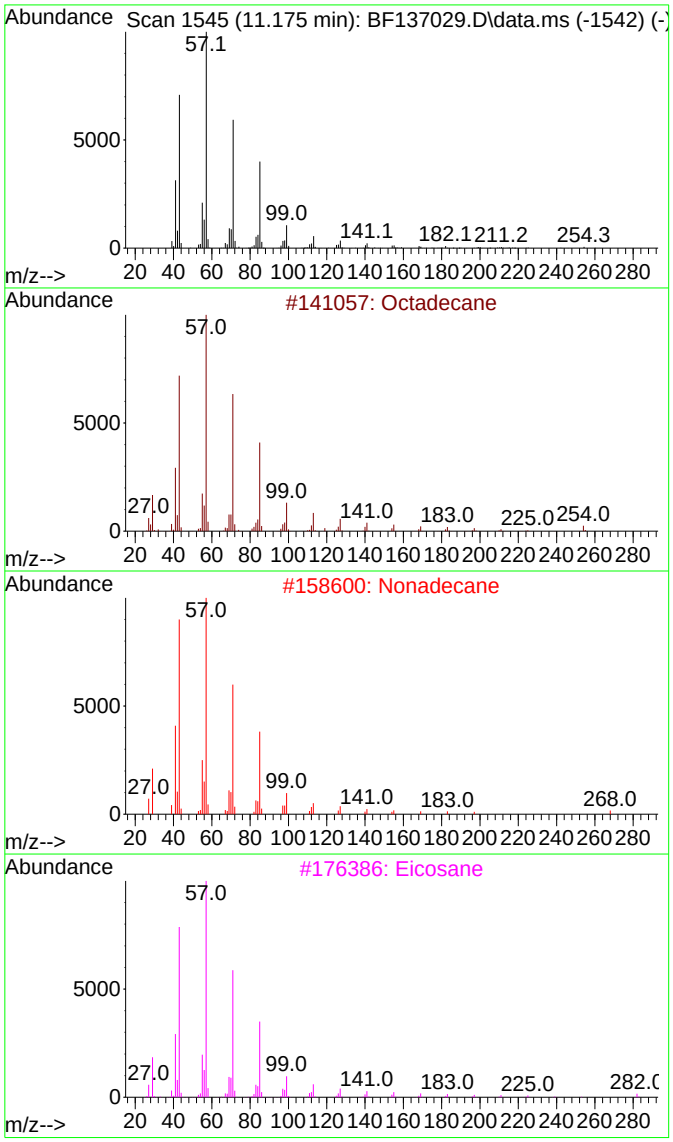
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

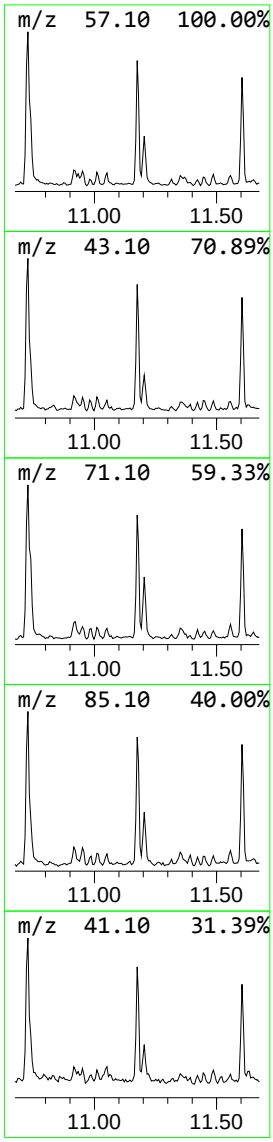
****

Peak Number 11 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	26.27 ng	490160	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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

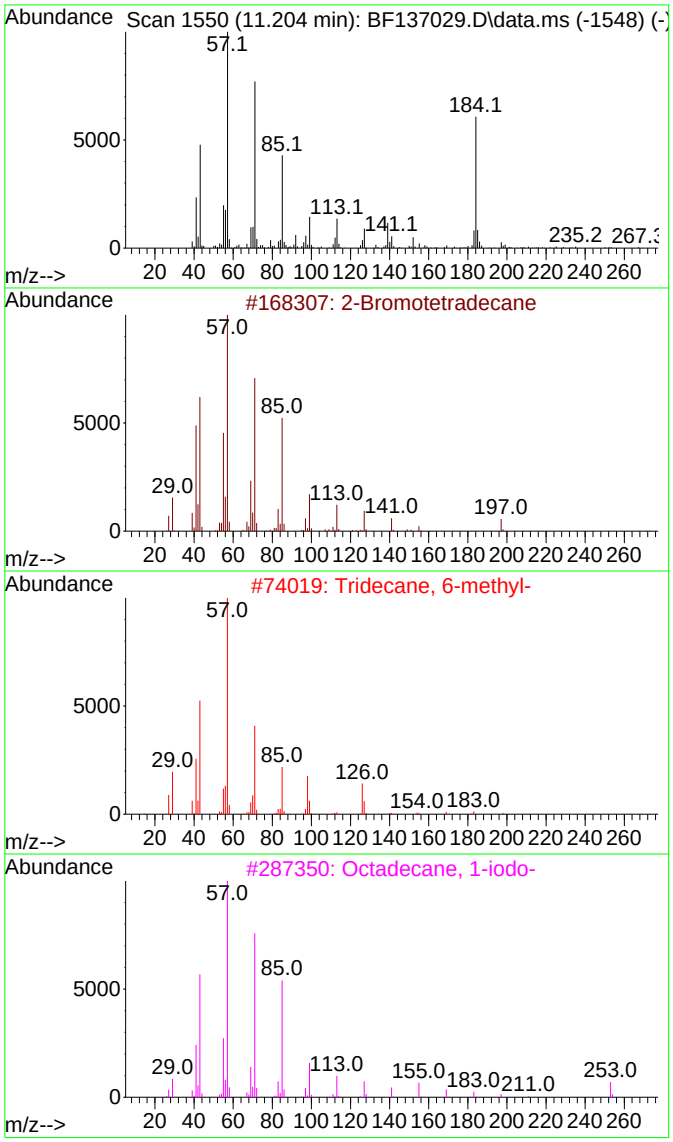
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

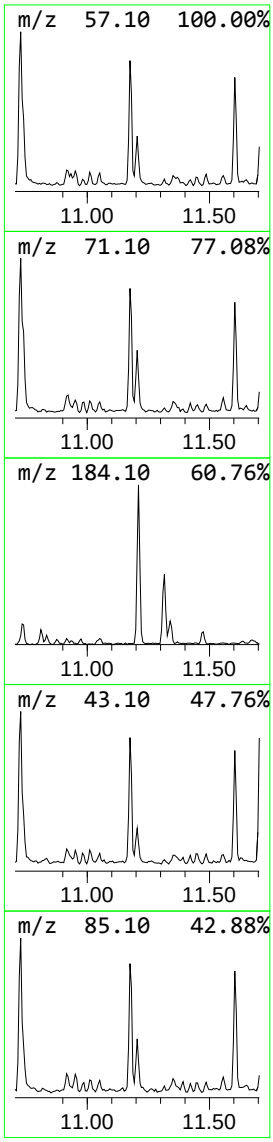
****

Peak Number 12 2-Bromotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	18.61 ng	347248	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	62
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	60
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	58
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	58





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-010824

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

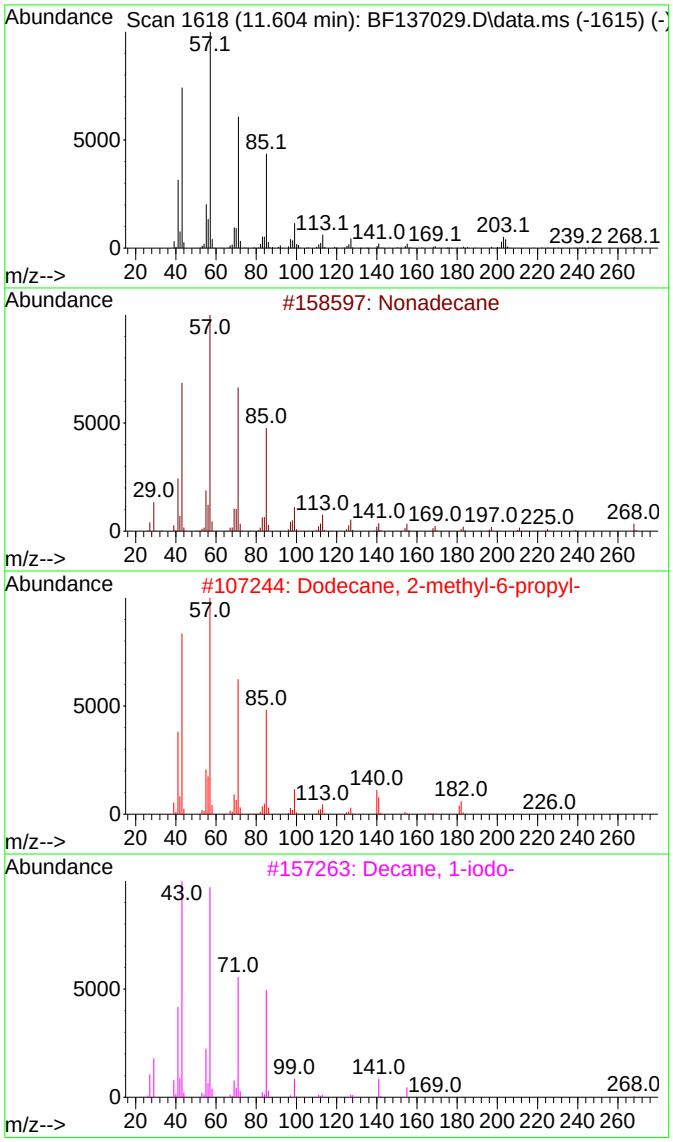
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

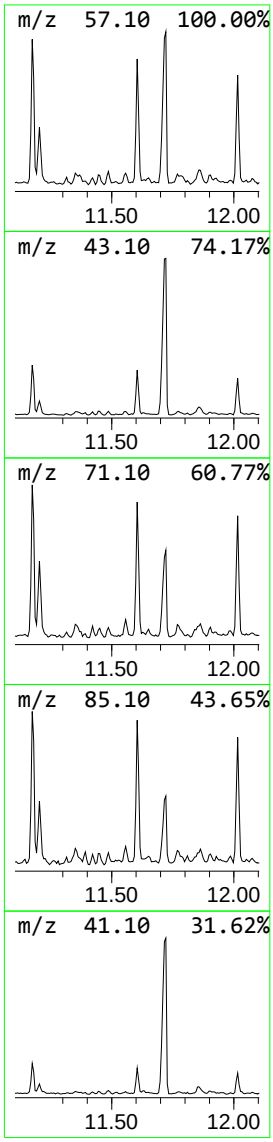
****

Peak Number 13 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	23.88 ng	445443	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	89
4	Heneicosane	296	C21H44	000629-94-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

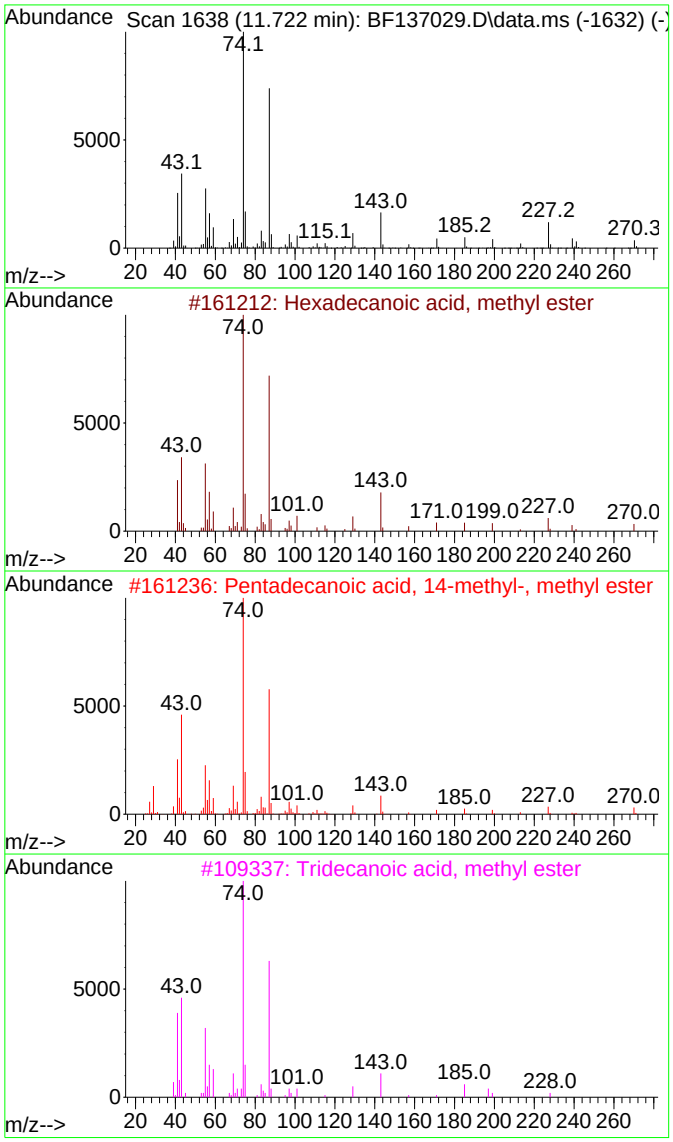
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

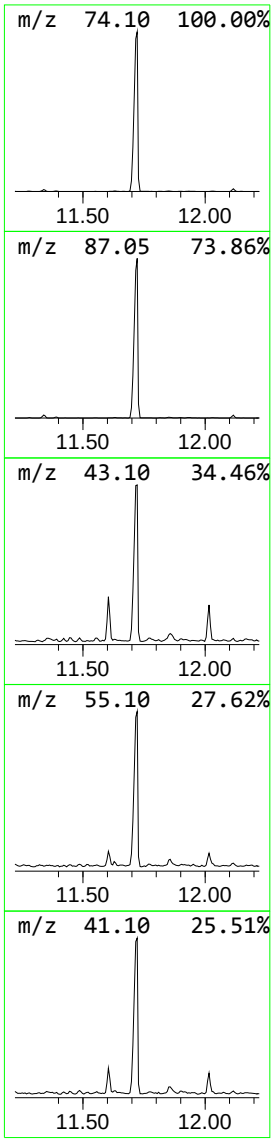
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	245.19 ng	4574400	Phenanthrene-d10	11.316

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	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-010824

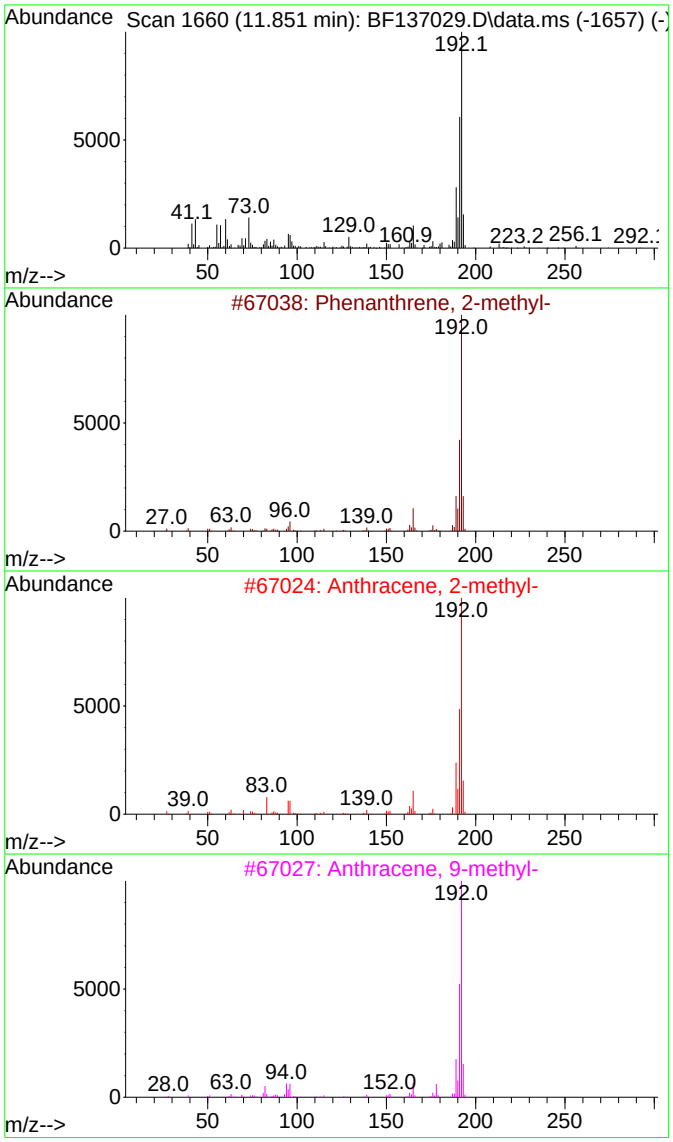
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

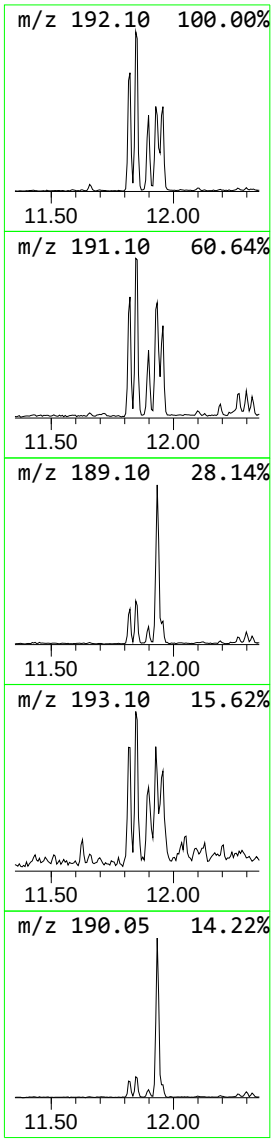
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	22.19 ng	413997	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-010824

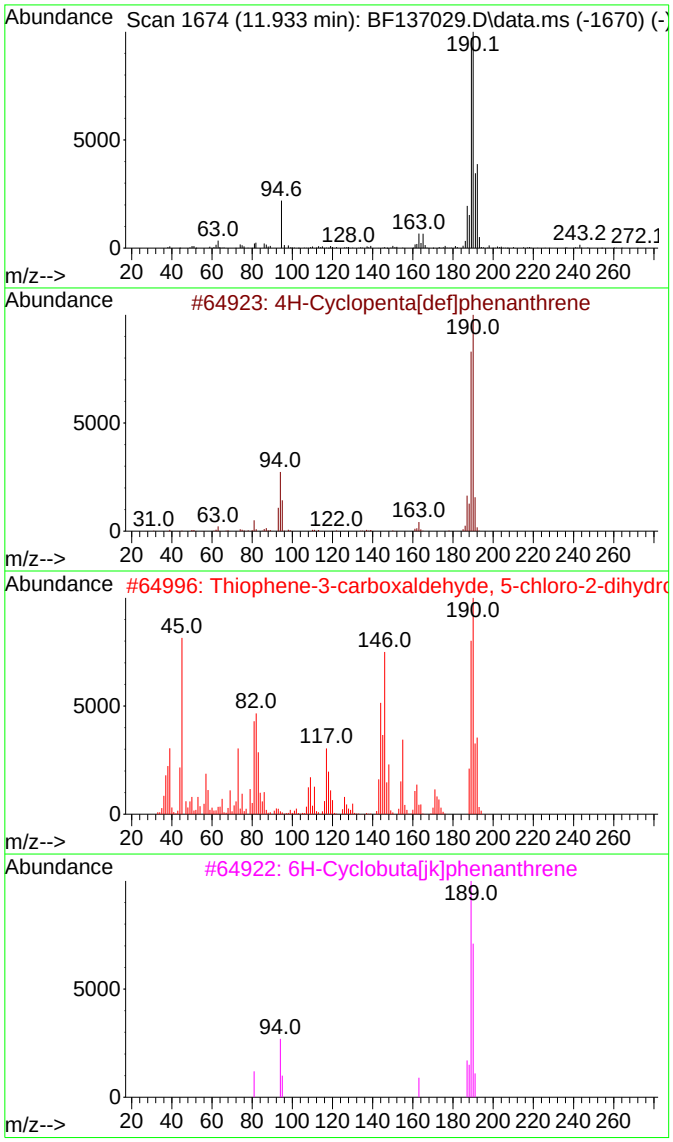
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

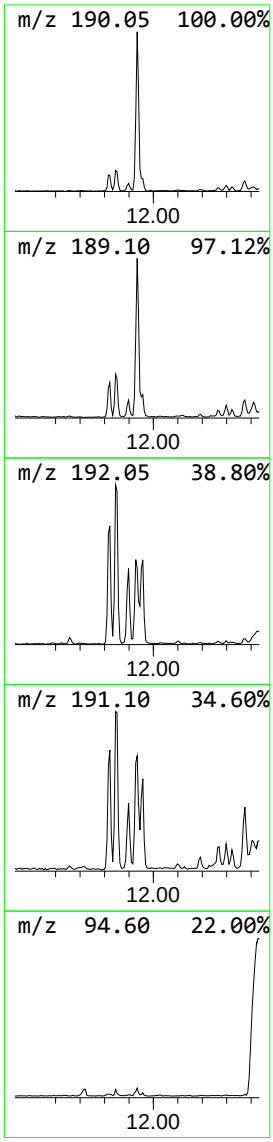
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	22.28 ng	415742	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





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Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-010824

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

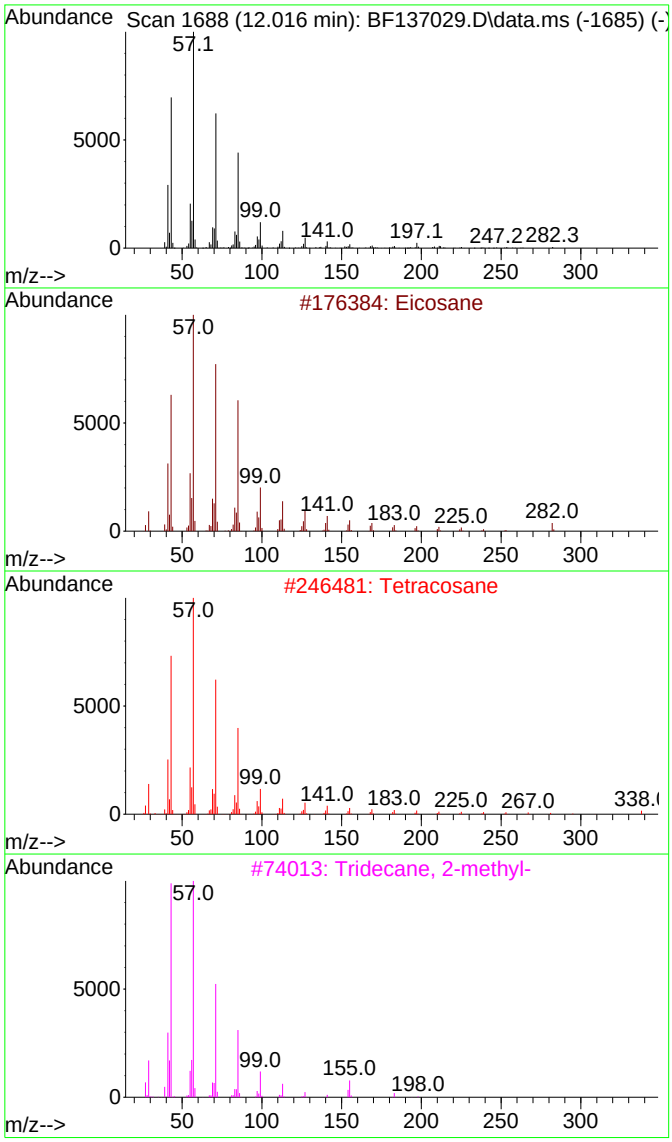
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

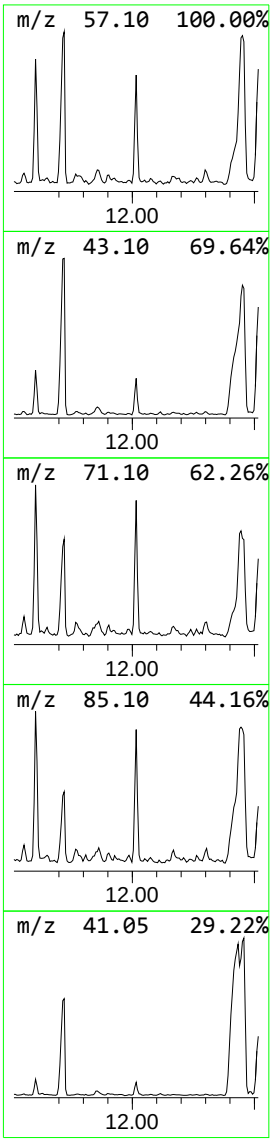
****

Peak Number 17 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	24.27 ng	452830	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tetradecane	198	C14H30	000629-59-4	87





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Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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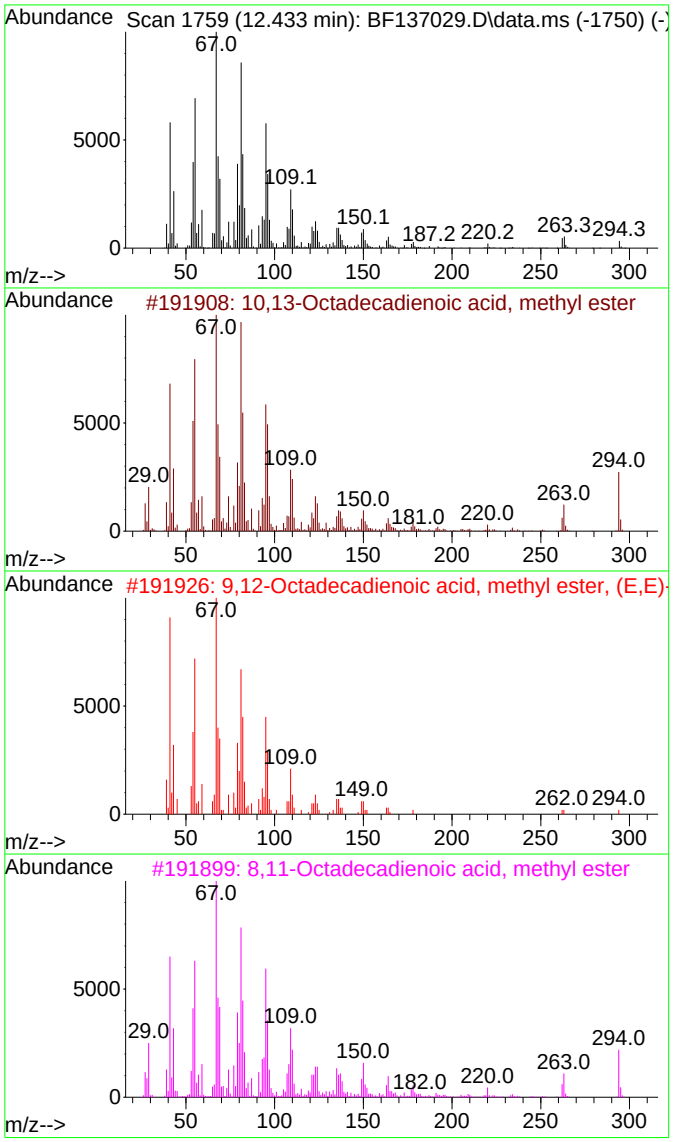
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

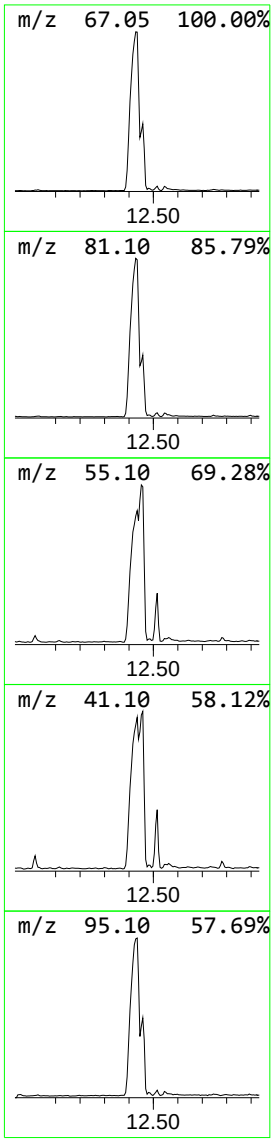
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	918.97 ng	17144800	Phenanthrene-d10	11.316

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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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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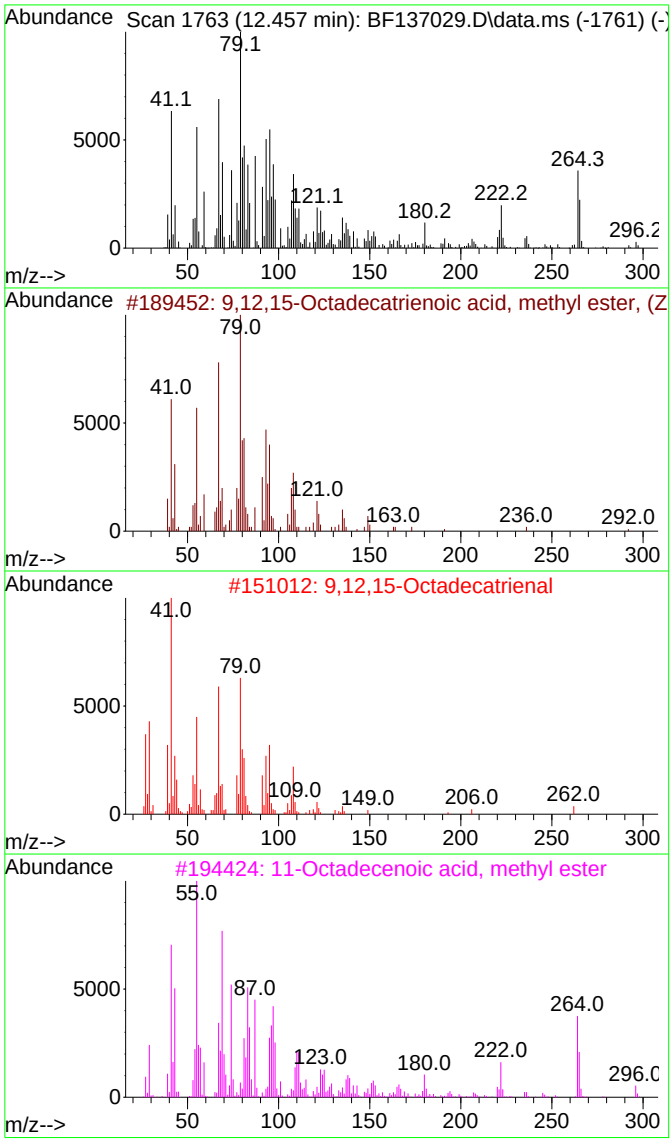
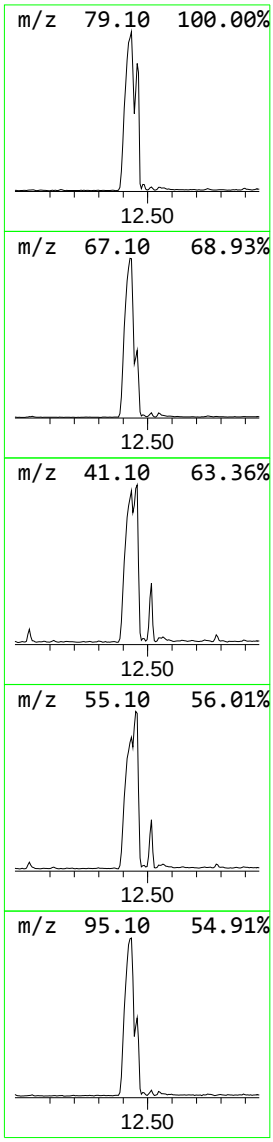
Peak Number 19 9,12,15-Octadecatrienoic ac... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	331.24 ng	6179830	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	95
2	9,12,15-Octadecatrienal	262	C18H30O	026537-71-3	90
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	76
5	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2	000463-40-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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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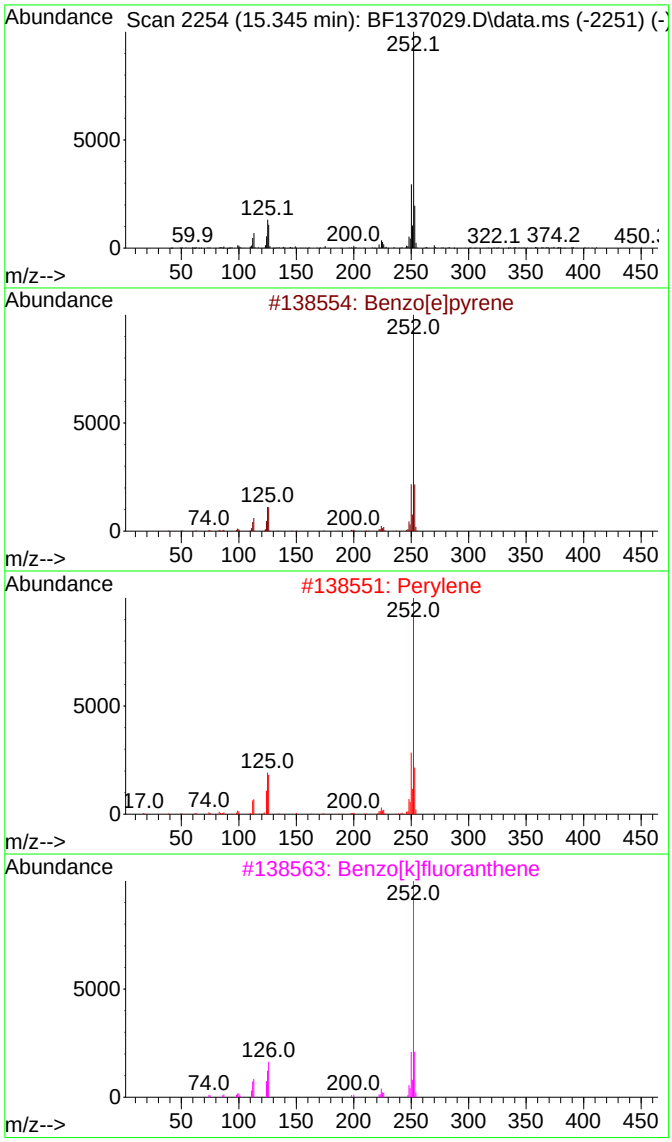
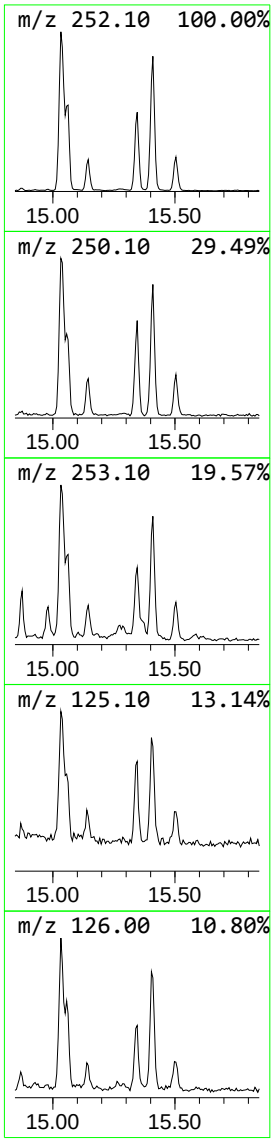
Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	16.04 ng	218273	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137029.D
Acq On : 10 Jan 2024 20:02
Operator : CG\JU
Sample : P1070-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824

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
Heptylcyclohexane	8.351	15.7	ng	263745	2	8.063	335123	20.0
Heptadecane, 7-...	8.481	13.4	ng	224135	2	8.063	335123	20.0
Naphthalene, 1,...	8.563	11.6	ng	193476	2	8.063	335123	20.0
Tridecane	8.651	40.8	ng	683020	2	8.063	335123	20.0
Tetradecane	9.216	35.5	ng	798208	3	9.822	449129	20.0
Carbonic acid, ...	9.539	17.3	ng	389222	3	9.822	449129	20.0
Hexadecane	9.751	31.9	ng	716063	3	9.822	449129	20.0
Dodecane, 2-met...	10.251	28.1	ng	630152	3	9.822	449129	20.0
Pentadecane, 2,...	10.469	15.2	ng	341680	3	9.822	449129	20.0
Heptadecane	10.728	48.3	ng	900968	4	11.316	373133	20.0
Octadecane	11.175	26.3	ng	490160	4	11.316	373133	20.0
2-Bromotetradecane	11.204	18.6	ng	347248	4	11.316	373133	20.0
Nonadecane	11.604	23.9	ng	445443	4	11.316	373133	20.0
Hexadecanoic ac...	11.722	245.2	ng	4574400	4	11.316	373133	20.0
Phenanthrene, 2...	11.851	22.2	ng	413997	4	11.316	373133	20.0
4H-Cyclopenta[d...	11.933	22.3	ng	415742	4	11.316	373133	20.0
Eicosane	12.016	24.3	ng	452830	4	11.316	373133	20.0
10,13-Octadecad...	12.433	919.0	ng	17144800	4	11.316	373133	20.0
9,12,15-Octadec...	12.457	331.2	ng	6179830	4	11.316	373133	20.0
Benzo[e]pyrene	15.345	16.0	ng	218273	6	15.468	272174	20.0