LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-05242024

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138080.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.358	40	46	57	rVB	598341	771237	8.01%	1.794%
2	3.275	196	202	214	rVB	56499	96556	1.00%	0.225%
3	5.657	603	607	620	rBV	1209187	1150775	11.95%	2.677%
4	6.651	772	776	793	rBV	1041238	1101059	11.43%	2.561%
5	7.034	837	841	844	rBV	773682	589919	6.12%	1.372%
6	7.593	932	936	939	rBV	878192	761586	7.91%	1.772%
7	7.840	972	978	984	rVB4	93936	112687	1.17%	0.262%
8	8.281	1050	1053	1056	rVV2	95703	129650	1.35%	0.302%
9	8.316	1056	1059	1064	rVV	984846	849371	8.82%	1.976%
10	8.357	1064	1066	1069	rVB2	109947	100969	1.05%	0.235%
11	8.598	1103	1107	1111	rBV4	140095	148756	1.54%	0.346%
12	8.892	1154	1157	1162	rVB2	175395	144822	1.50%	0.337%
13	9.139	1196	1199	1201	rBV2	121855	111890	1.16%	0.260%
14	9.257	1216	1219	1222	rBV3	128603	147118	1.53%	0.342%
15	9.322	1228	1230	1233	rBV2	198576	154640	1.61%	0.360%
16	9.392	1238	1242	1246	rVB	2053554	1637247	17.00%	3.808%
17	9.457	1251	1253	1258	rVB	402065	375754	3.90%	0.874%
18	9.539	1265	1267	1270	rVB3	130806	107882	1.12%	0.251%
19	9.716	1292	1297	1299	rBV5	140854	223218	2.32%	0.519%
20	9.781	1305	1308	1313	rBV2	394952	444537	4.61%	1.034%
21	9.839	1316	1318	1323	rVB3	105973	116858	1.21%	0.272%
22	9.992	1341	1344	1348	rVB	821135	638345	6.63%	1.485%
23	10.028	1348	1350	1353	rBV4	103852	114518	1.19%	0.266%
24	10.081	1357	1359	1362	rVB	979919	724306	7.52%	1.685%
25	10.251	1386	1388	1390	rVB3	166832	114744	1.19%	0.267%
26	10.281	1390	1393	1396	rVB5	118305	100071	1.04%	0.233%
27	10.316	1396	1399	1400	rBV	214950	196539	2.04%	0.457%
28	10.351	1403	1405	1409	rVB	174815	153754	1.60%	0.358%
29	10.392	1409	1412	1415	rBV3	162731	225330	2.34%	0.524%
30	10.492	1426	1429	1432	rBV	1097130	884107	9.18%	2.057%
31	10.522	1432	1434	1437	rVB2	111386	109800	1.14%	0.255%
32	10.716	1462	1467	1469	rBV	536618	666754	6.92%	1.551%
33	10.769	1473	1476	1479	rVB4	133288	123605	1.28%	0.288%
34	10.798	1479	1481	1485	rBV3	134619	151032	1.57%	0.351%
35	10.834	1485	1487	1490	rVB2	201631	181666	1.89%	0.423%
36	10.875	1490	1494	1497	rBV	854229	767960	7.97%	1.786%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.969	1507	1510	1516	rBV	1267869	1509566	15.67%	3.511%
38	11.163	1540	1543	1545	rBV	133602	140057	1.45%	0.326%
39	11.192	1546	1548	1550	rVB	121158	97710	1.01%	0.227%
40	11.257	1556	1559	1562	rVB2	177677	165060	1.71%	0.384%
41	11.292	1562	1565	1567	rBV	172875	156846	1.63%	0.365%
42	11.422	1583	1587	1589	rBV	1082111	909541	9.44%	2.116%
43	11.451	1589	1592	1594	rVV	459471	419110	4.35%	0.975%
44	11.581	1610	1614	1617	rBV	637454	639815	6.64%	1.488%
45	11.692	1630	1633	1636	rVB	146964	140518	1.46%	0.327%
46	11.728	1636	1639	1643	rVB2	138844	148050	1.54%	0.344%
47	11.798	1649	1651	1654	rBV2	142377	125987	1.31%	0.293%
48	11.845	1656	1659	1663	rVB	994185	789275	8.19%	1.836%
49	11.951	1673	1677	1680	rVB	2260608	1808738	18.78%	4.207%
50	12.010	1680	1687	1692	rBV4	103941	185933	1.93%	0.433%
51	12.257	1726	1729	1731	rBV	726113	636633	6.61%	1.481%
52	12.404	1752	1754	1757	rBV2	156353	137355	1.43%	0.320%
53	12.657	1790	1797	1798	rBV	7047753	9632962	100.00%	22.407%
54	12.675	1798	1800	1806	rVV2	6685594	6118601	63.52%	14.233%
55	12.745	1809	1812	1817	rVB	1637836	1269615	13.18%	2.953%
56	13.016	1855	1858	1862	rBV2	418783	382972	3.98%	0.891%
57	13.163	1879	1883	1886	rVB	1327489	1119622	11.62%	2.604%
58	13.375	1916	1919	1921	rBV	293233	232153	2.41%	0.540%
59	13.469	1932	1935	1937	rVB2	157470	119500	1.24%	0.278%
60	13.716	1974	1977	1980	rBV	203037	164494	1.71%	0.383%
61	14.045	2030	2033	2036	rBV	142519	107908	1.12%	0.251%
62	14.139	2046	2049	2053	rBV	184996	198355	2.06%	0.461%
63	14.227	2061	2064	2070	rBV	562457	527951	5.48%	1.228%
64	14.363	2084	2087	2090	rBV	130493	113201	1.18%	0.263%
65	14.669	2137	2139	2145	rVB2	97510	109862	1.14%	0.256%
66	15.798	2326	2331	2339	rVB	322876	453766	4.71%	1.056%

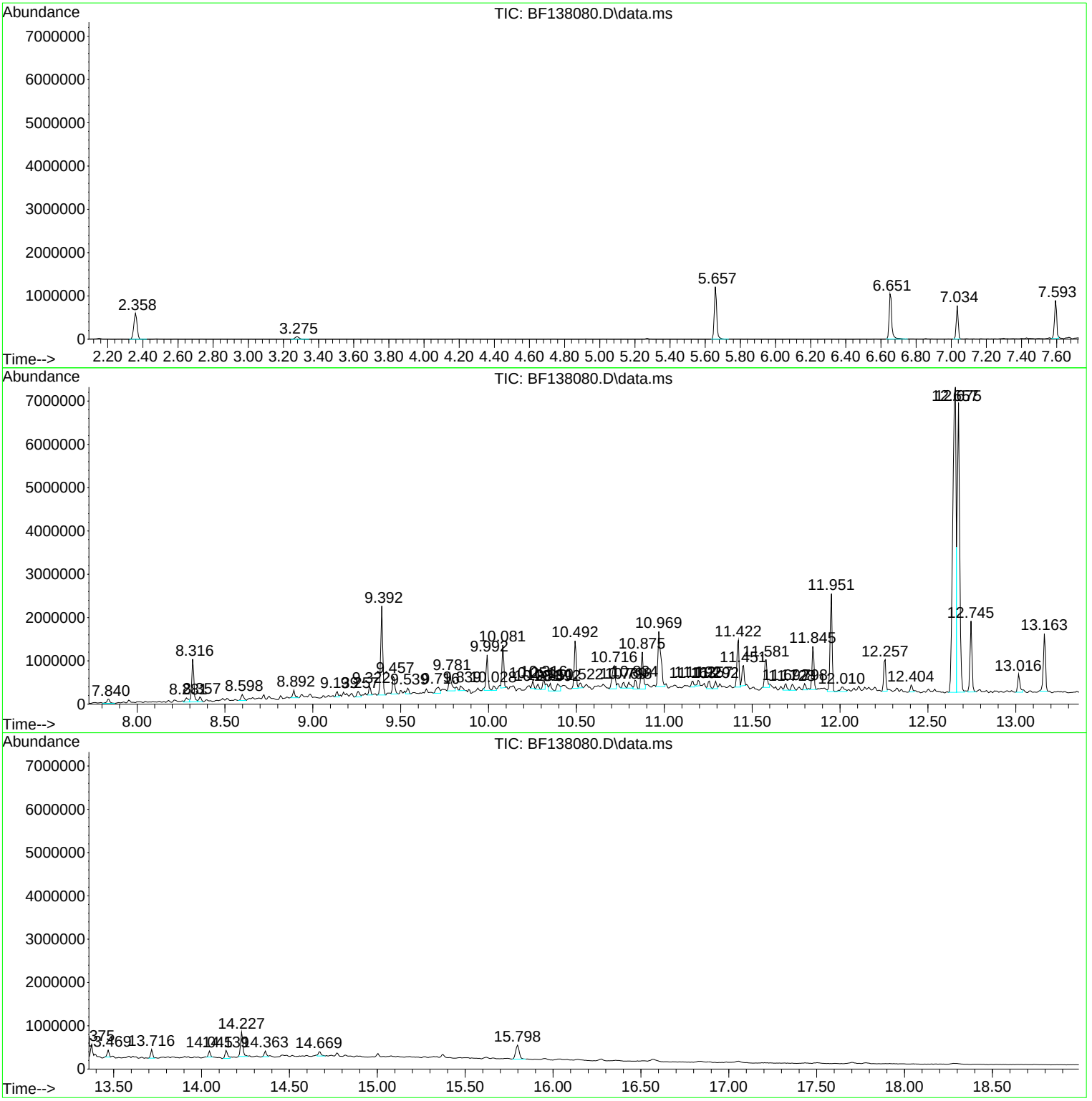
Sum of corrected areas: 42990218

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

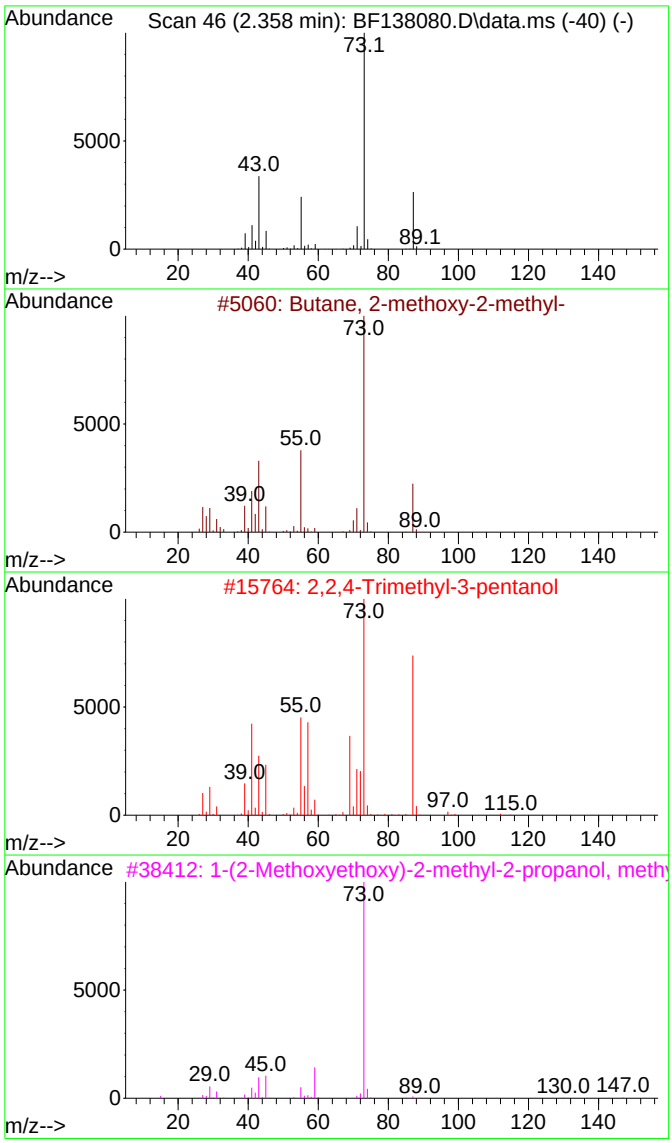
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

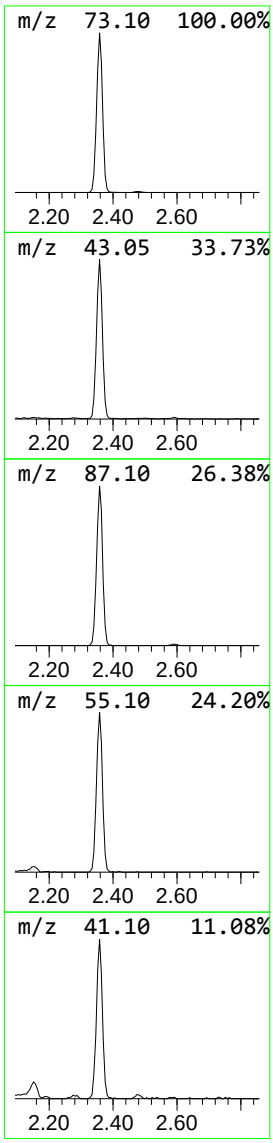
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.358	26.15 ng	771237	1,4-Dichlorobenzene-d4	7.034

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	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

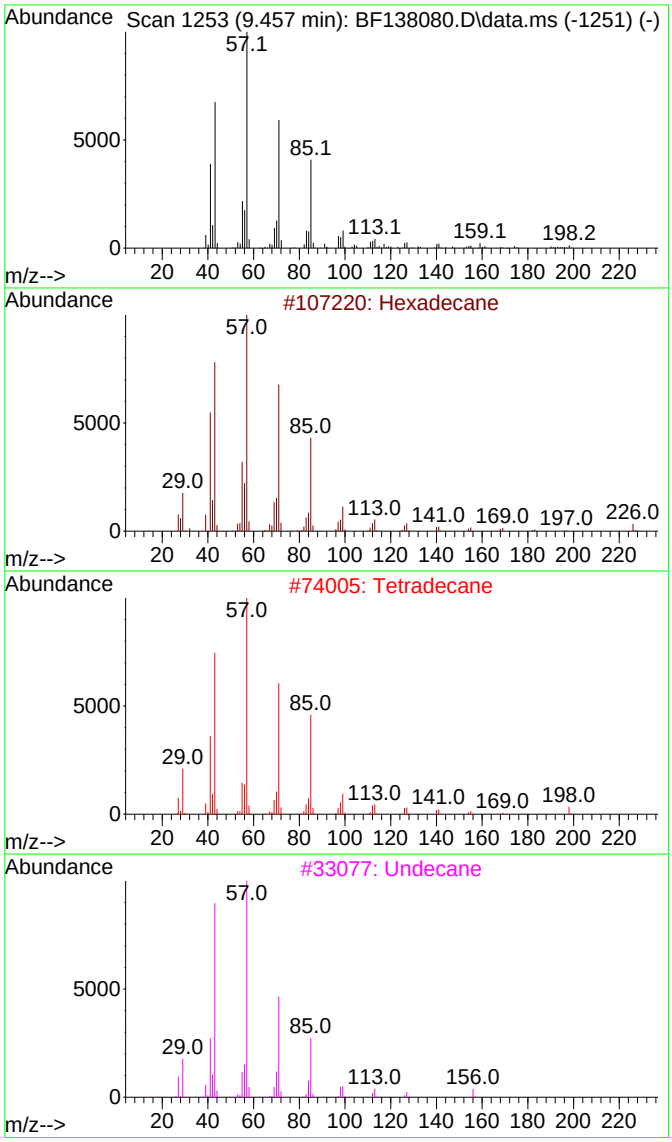
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

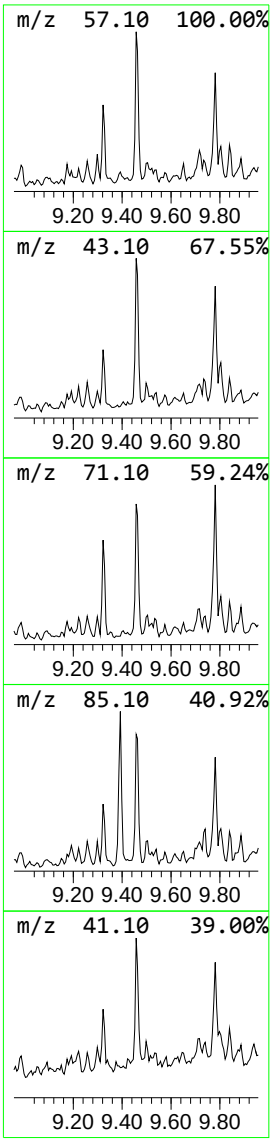
****

Peak Number 2 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	10.38 ng	375754	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	87
3	Undecane	156	C11H24	001120-21-4	86
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

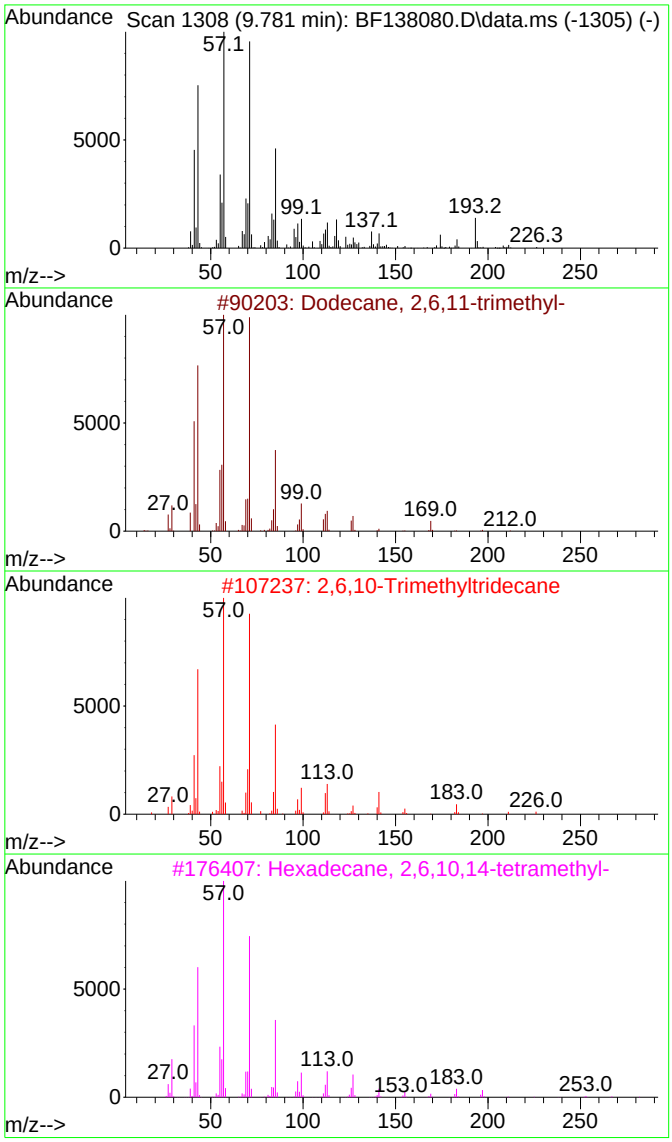
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

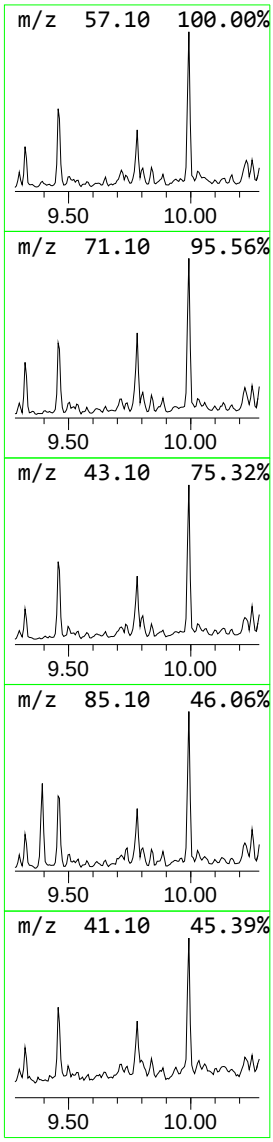
****

Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	12.27 ng	444537	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

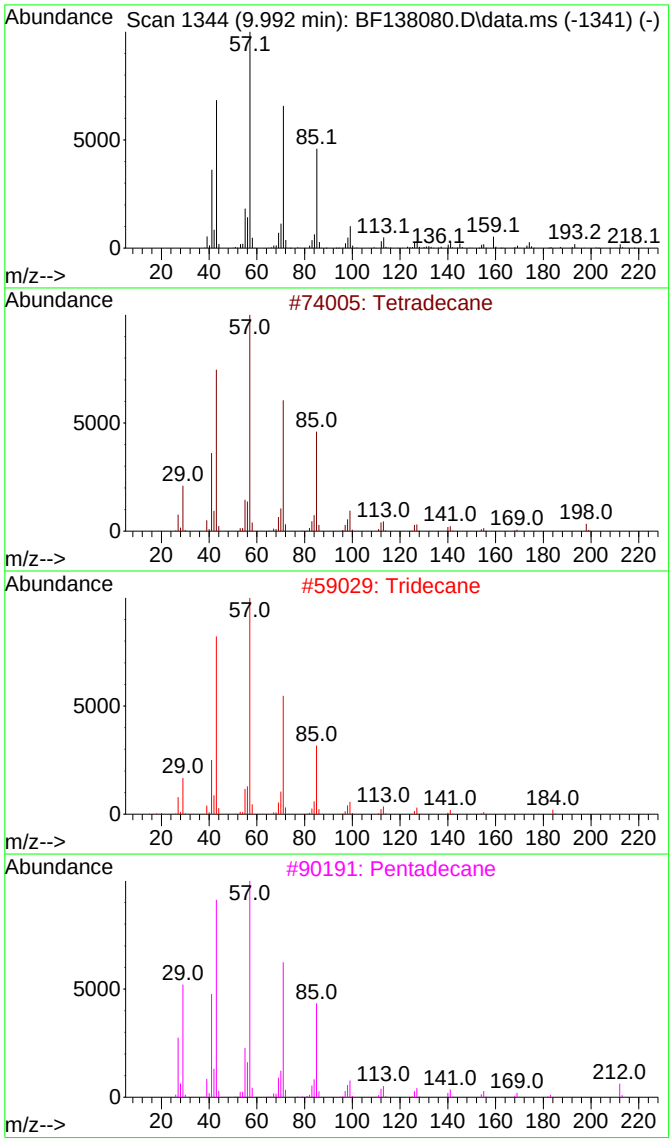
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

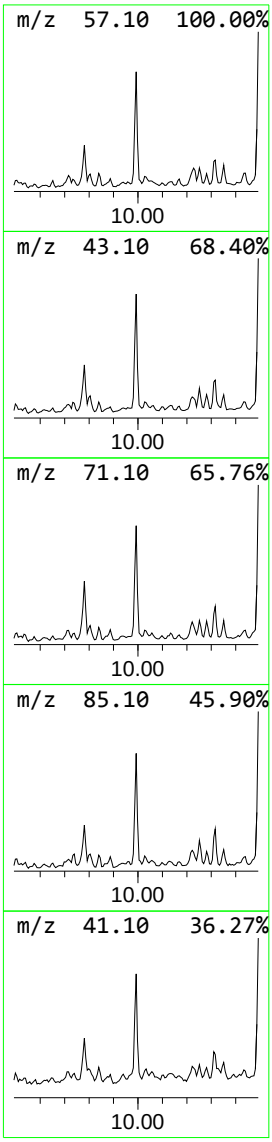
****

Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	17.63 ng	638345	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

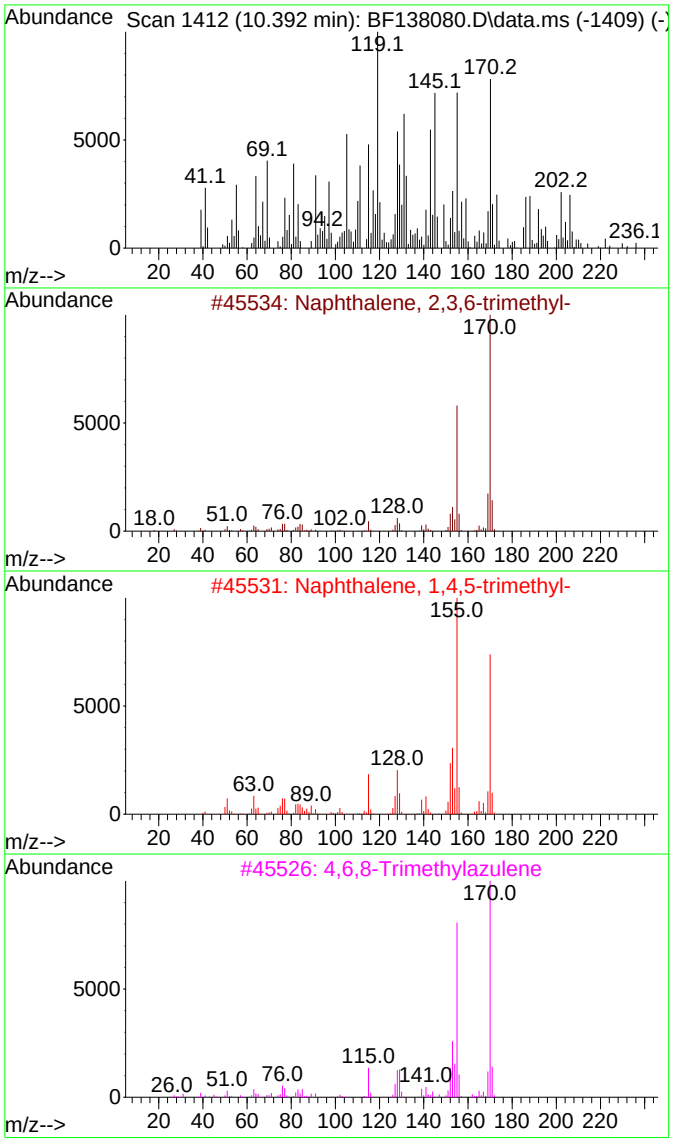
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

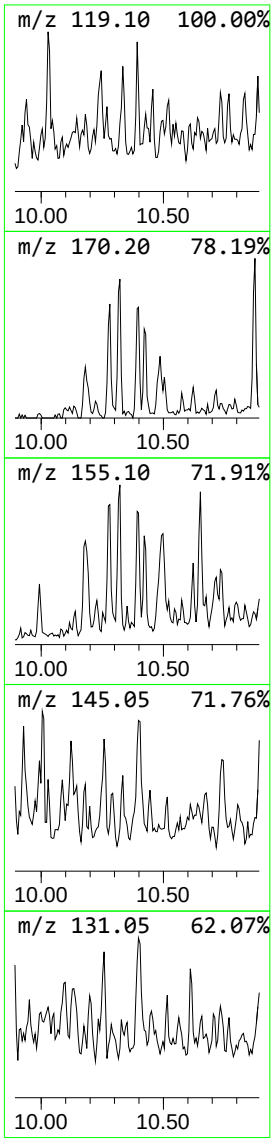
****

Peak Number 5 unknown10.392 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.392	6.22 ng	225330	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	35
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	35
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	35
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

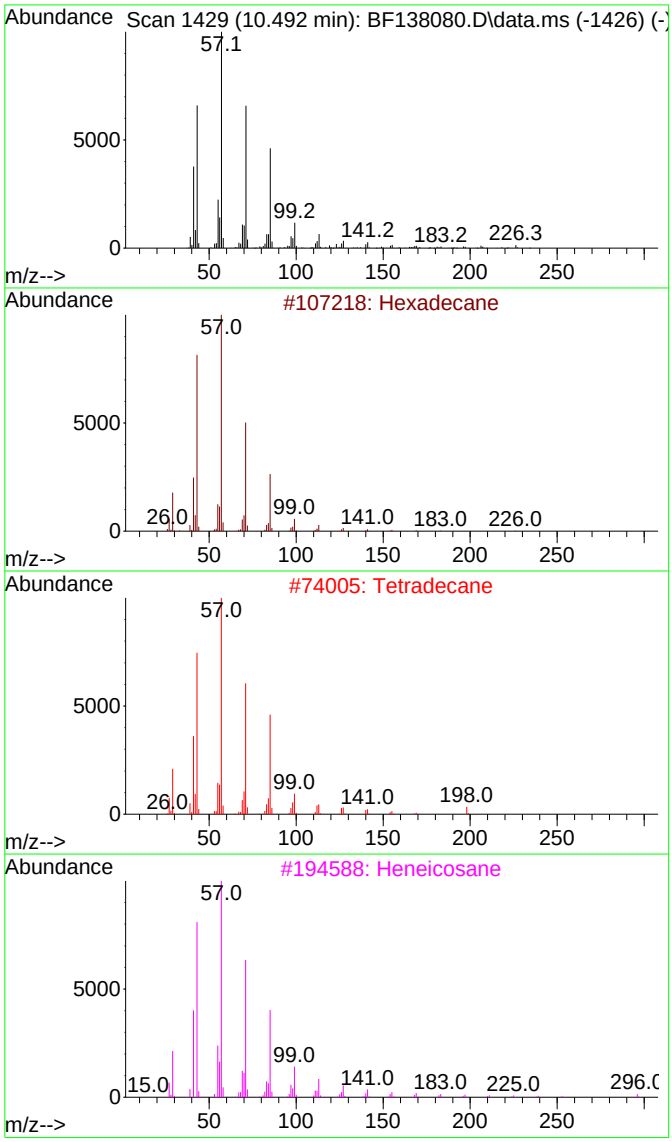
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

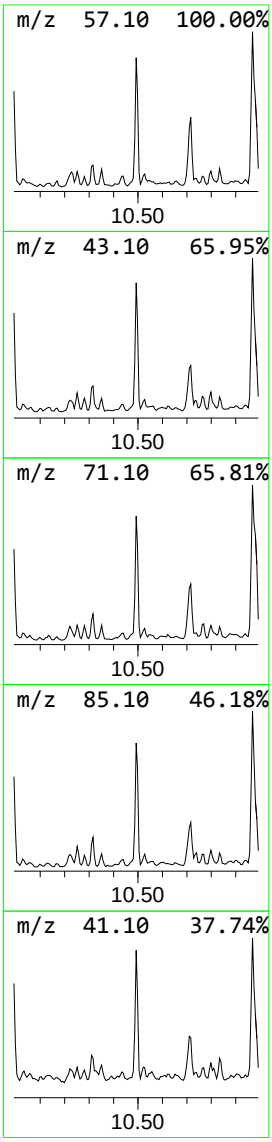
****

Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	24.41 ng	884107	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

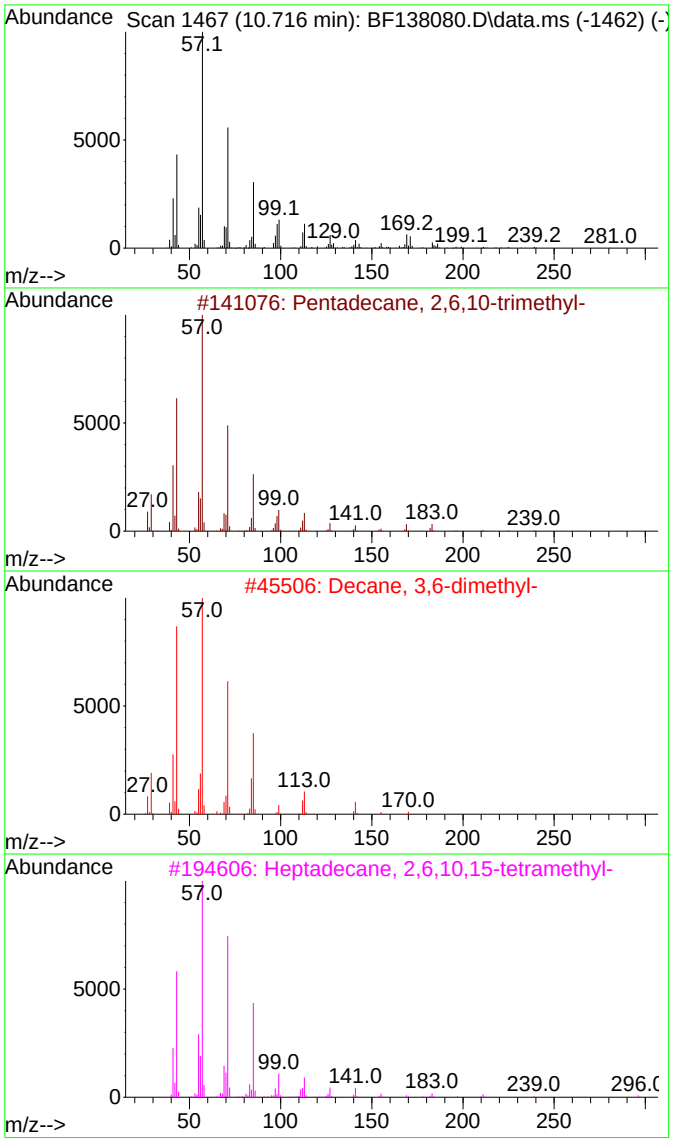
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

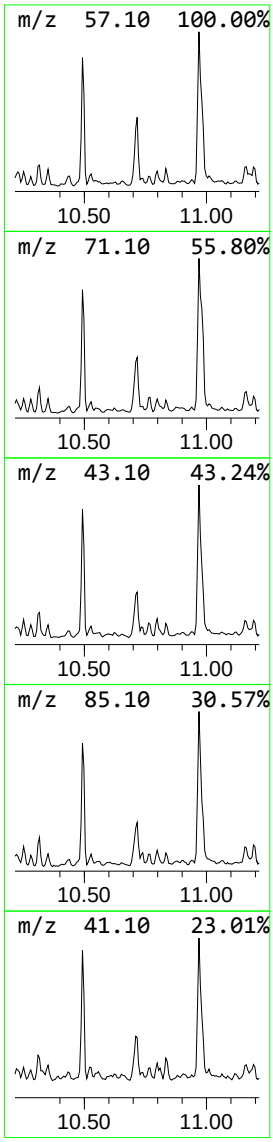
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	18.41 ng	666754	Acenaphthene-d10	10.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	74
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

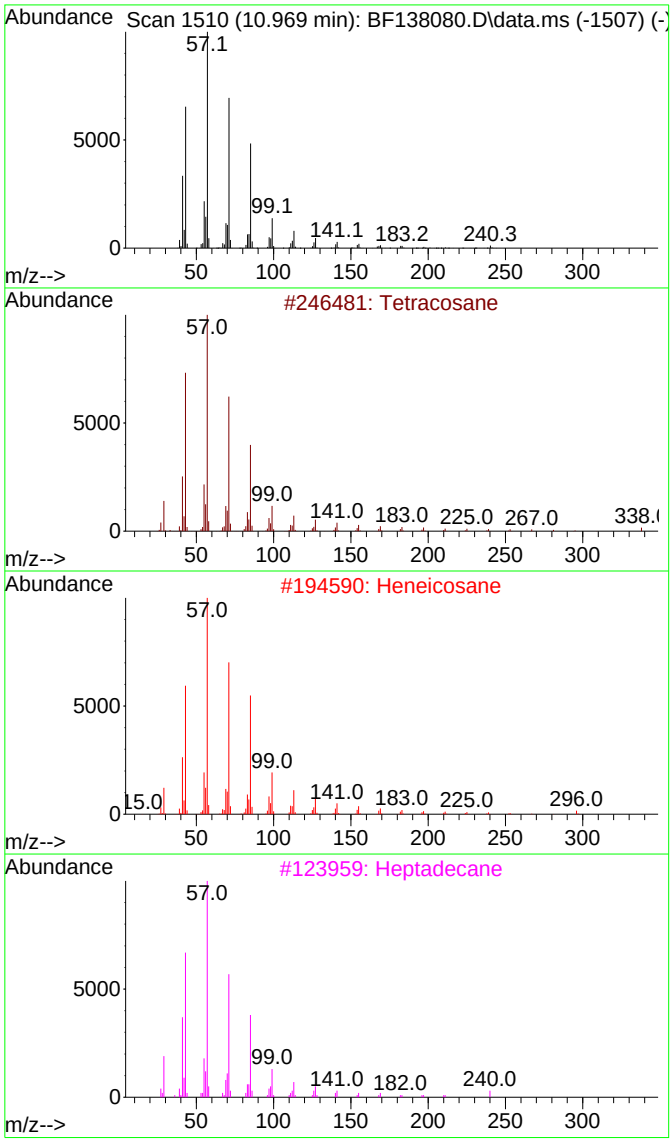
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

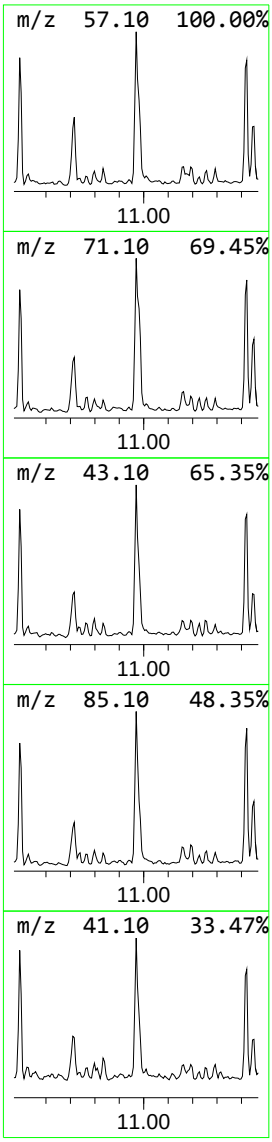
****

Peak Number 8 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	47.19 ng	1509570	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Tetradecane	198	C14H30	000629-59-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

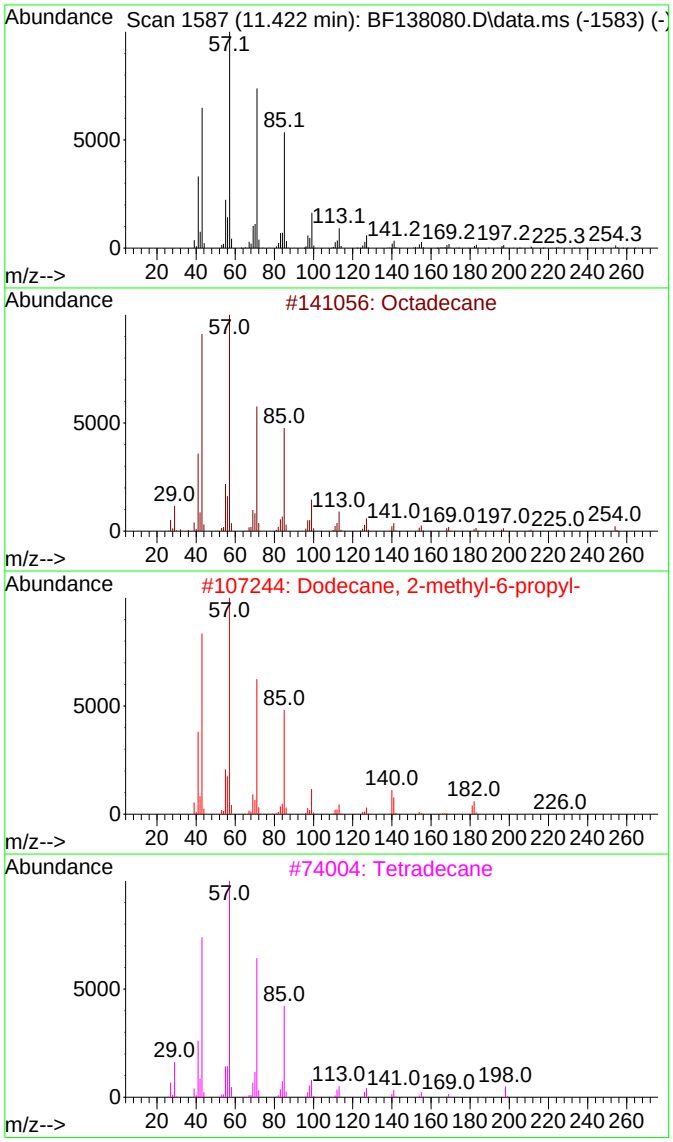
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

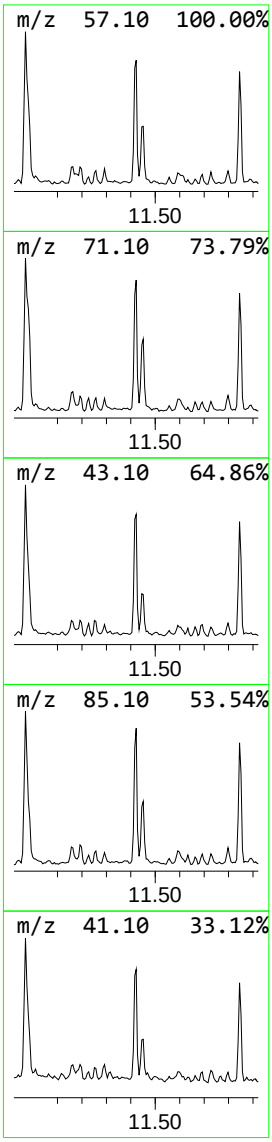
****

Peak Number 9 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	28.43 ng	909541	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

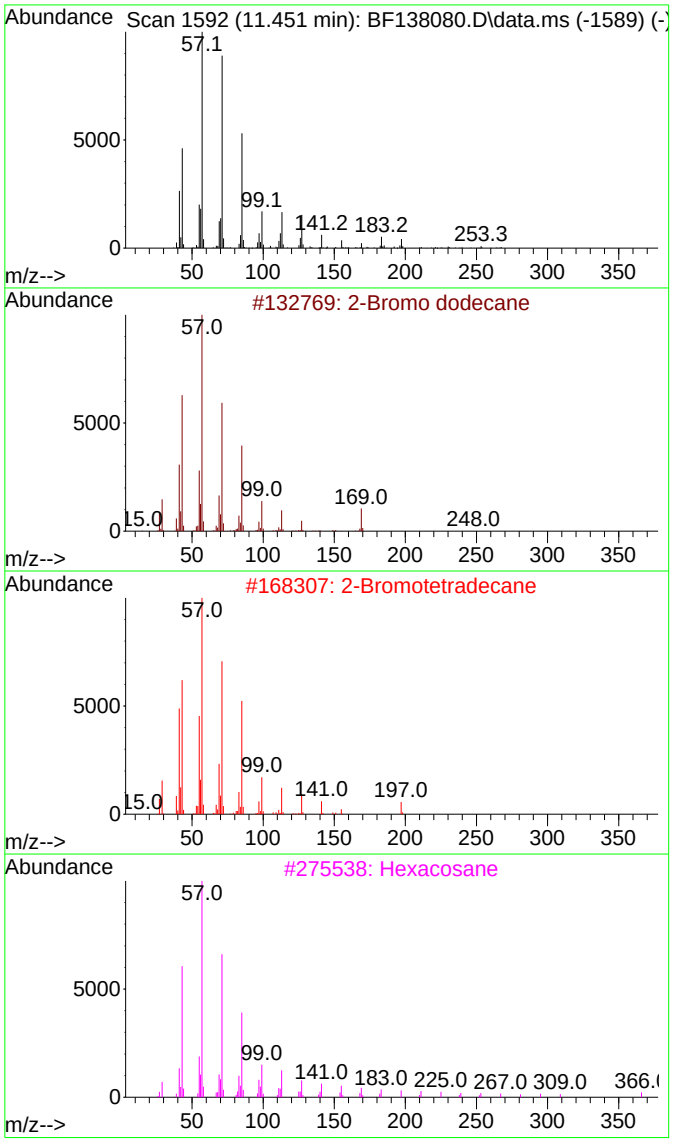
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

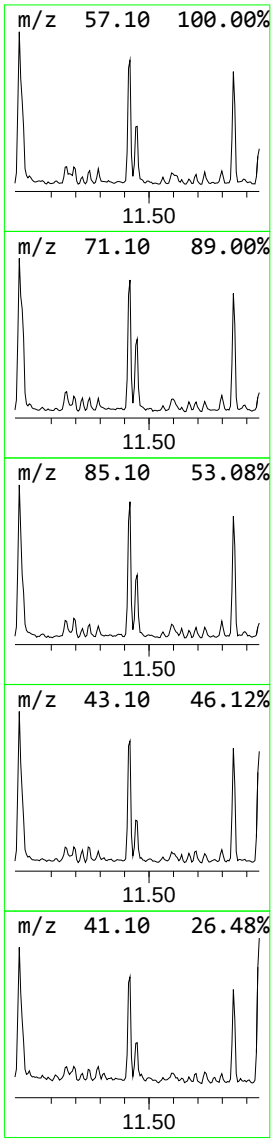
****

Peak Number 10 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	13.10 ng	419110	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

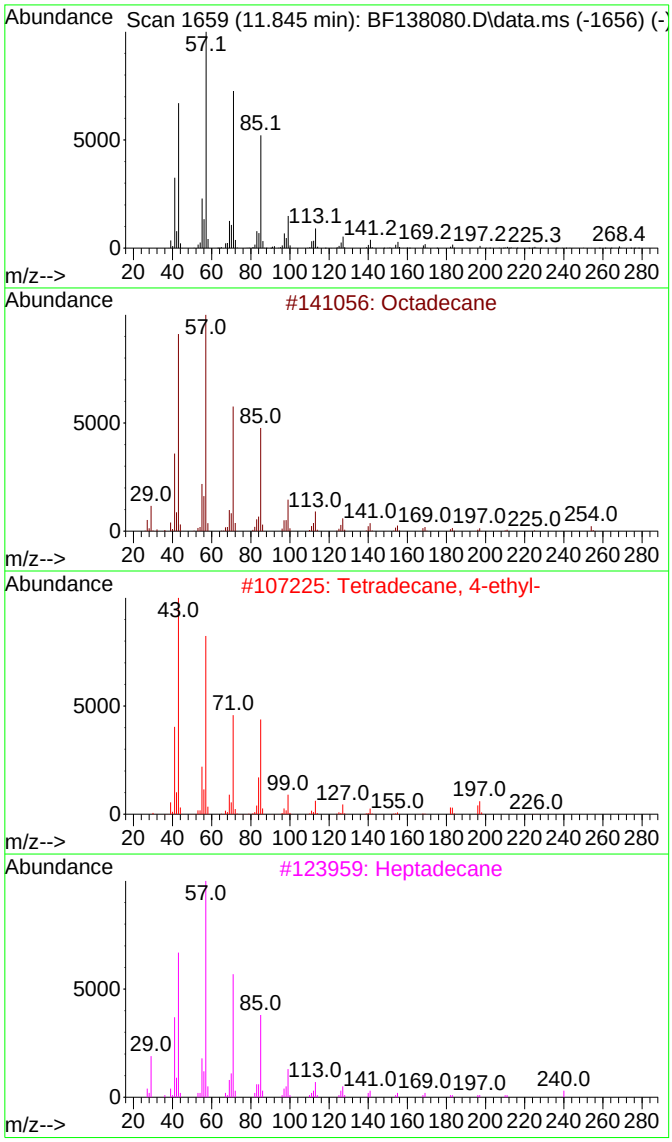
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

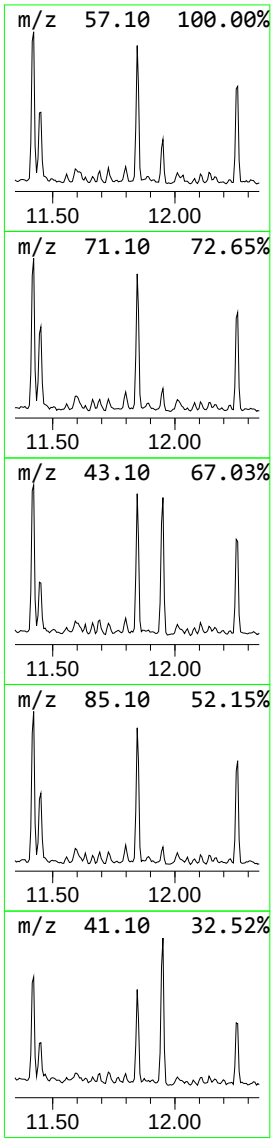
****

Peak Number 11 Tetradecane, 4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	24.67 ng	789275	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

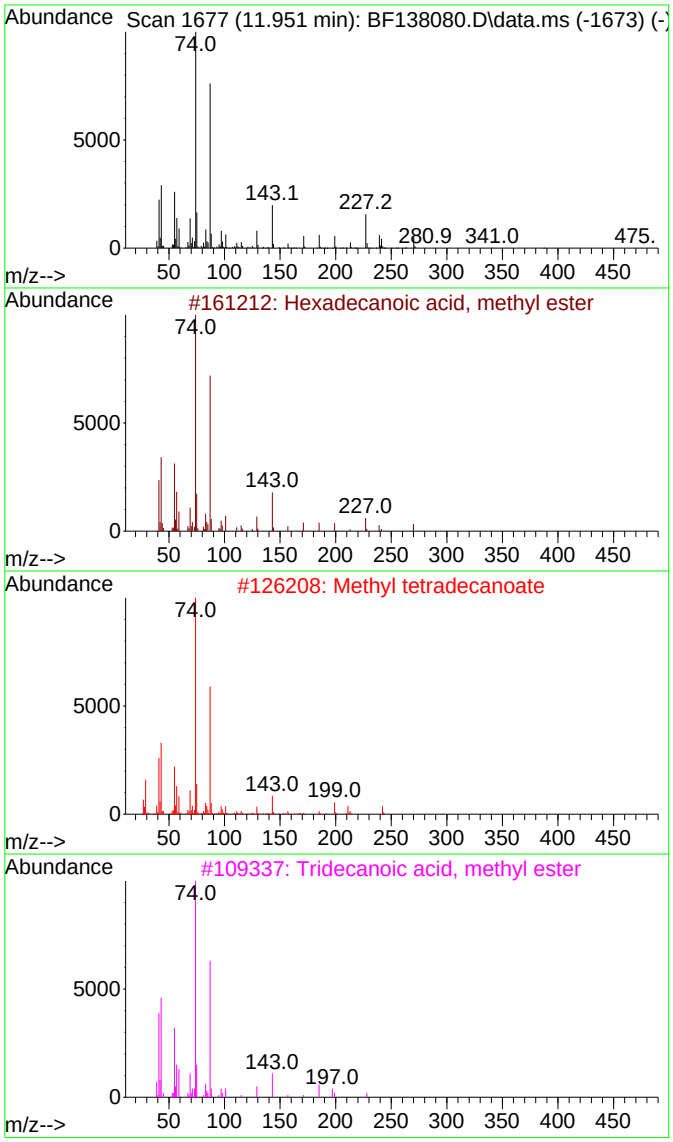
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

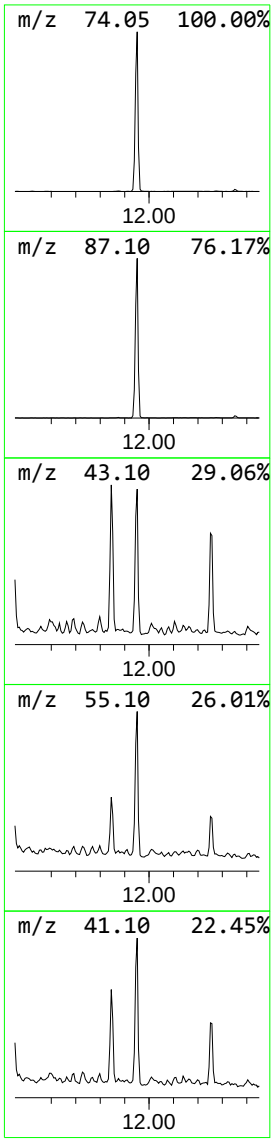
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	56.54 ng	1808740	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

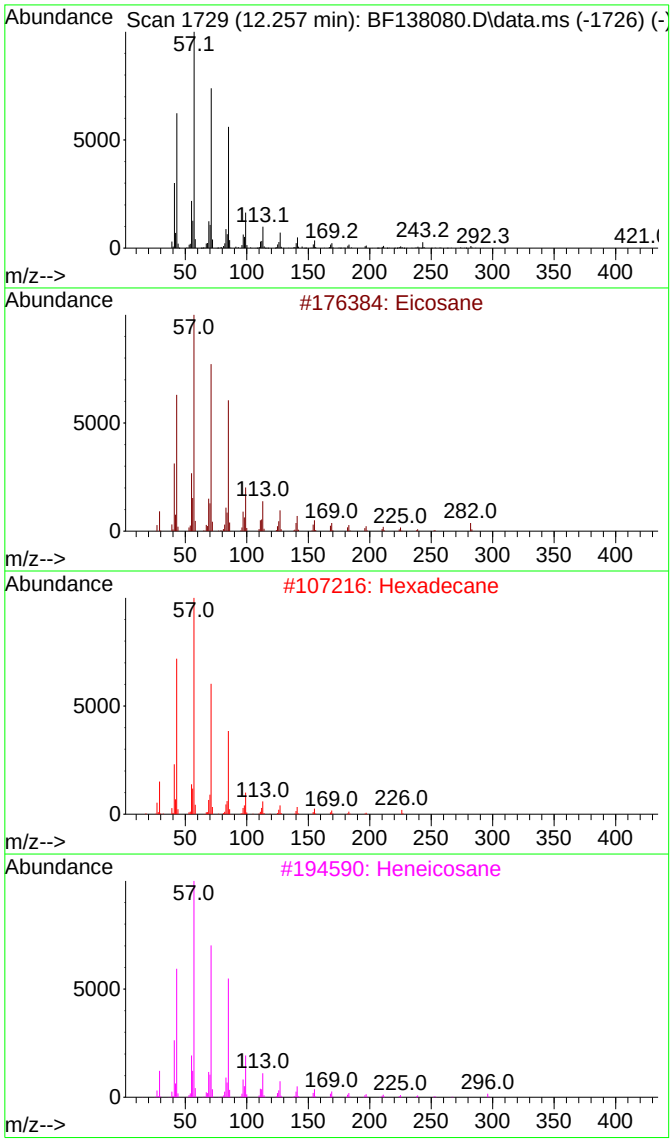
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

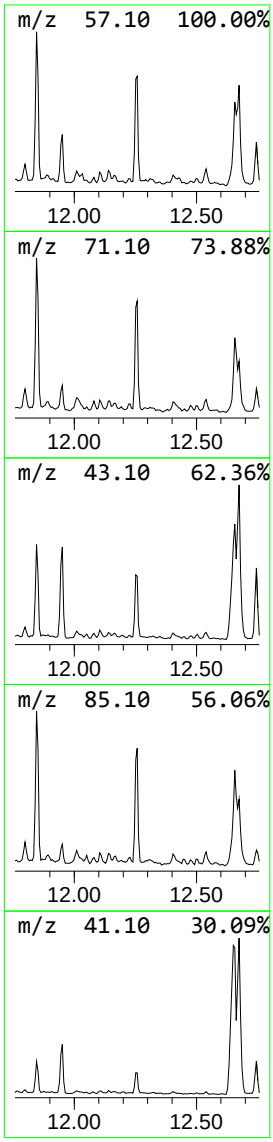
****

Peak Number 13 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	19.90 ng	636633	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexadecane	226	C16H34	000544-76-3	97
3	Heneicosane	296	C21H44	000629-94-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Octadecane	254	C18H38	000593-45-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

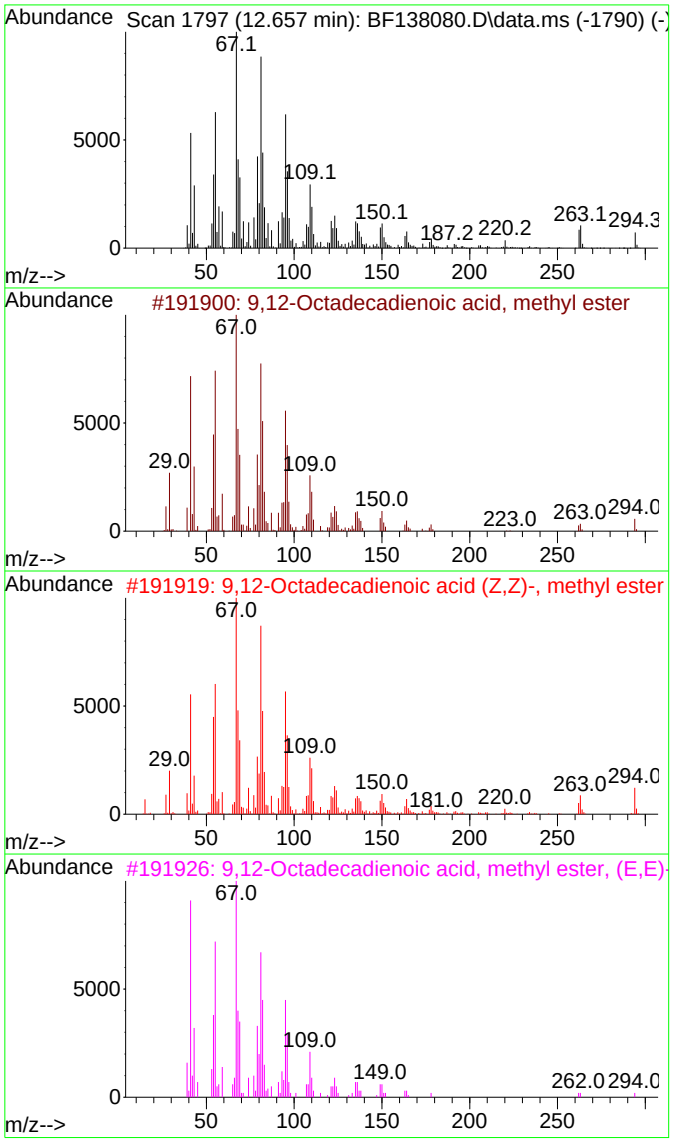
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

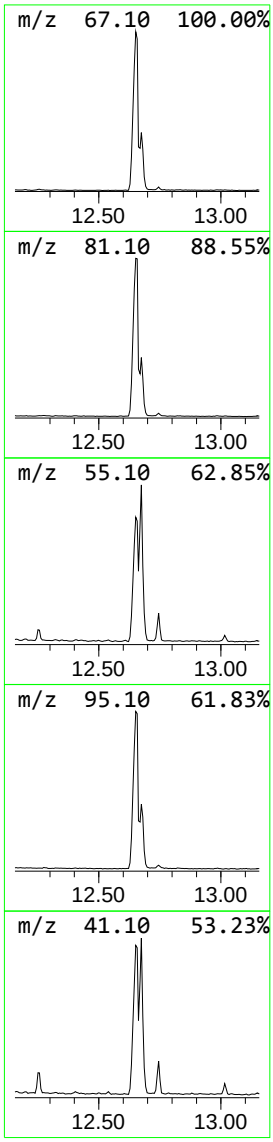
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	301.12 ng	9632960	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

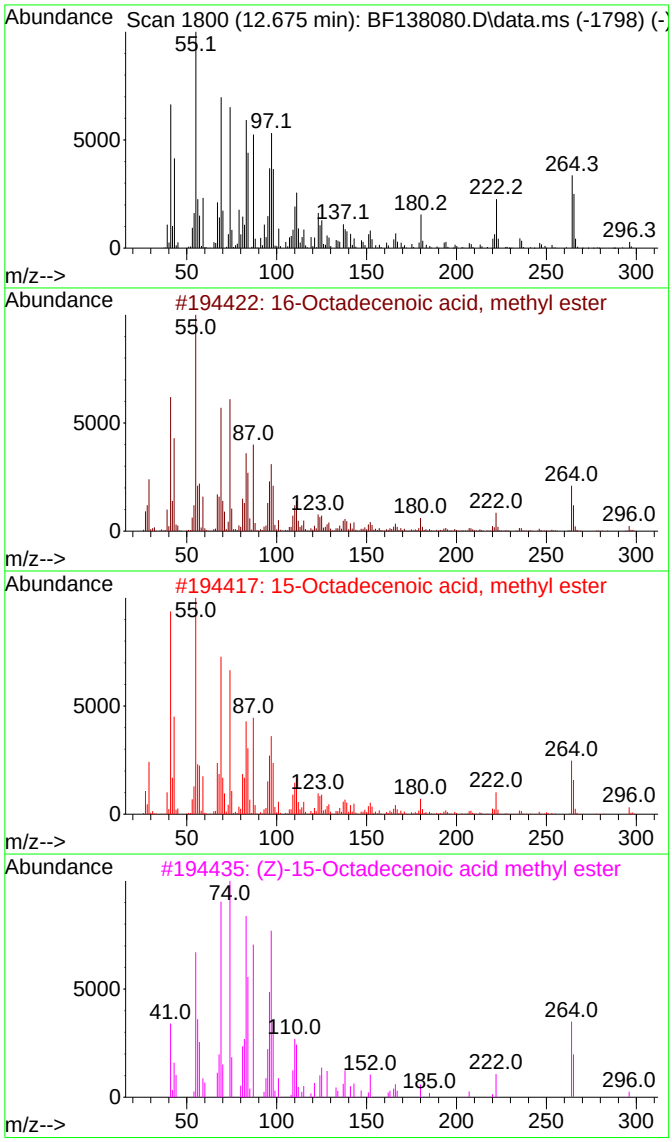
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

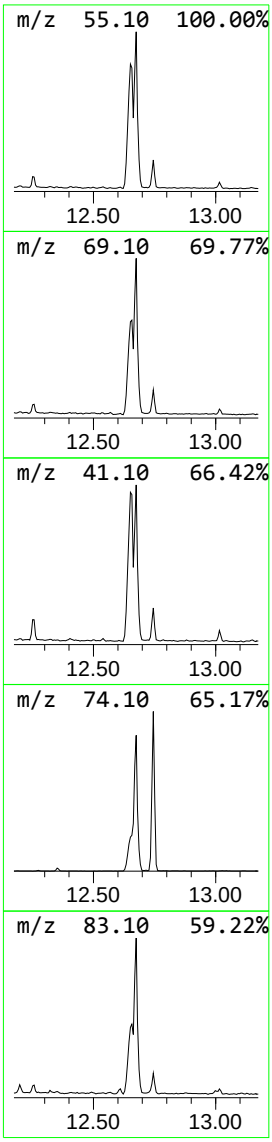
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	191.26 ng	6118600	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

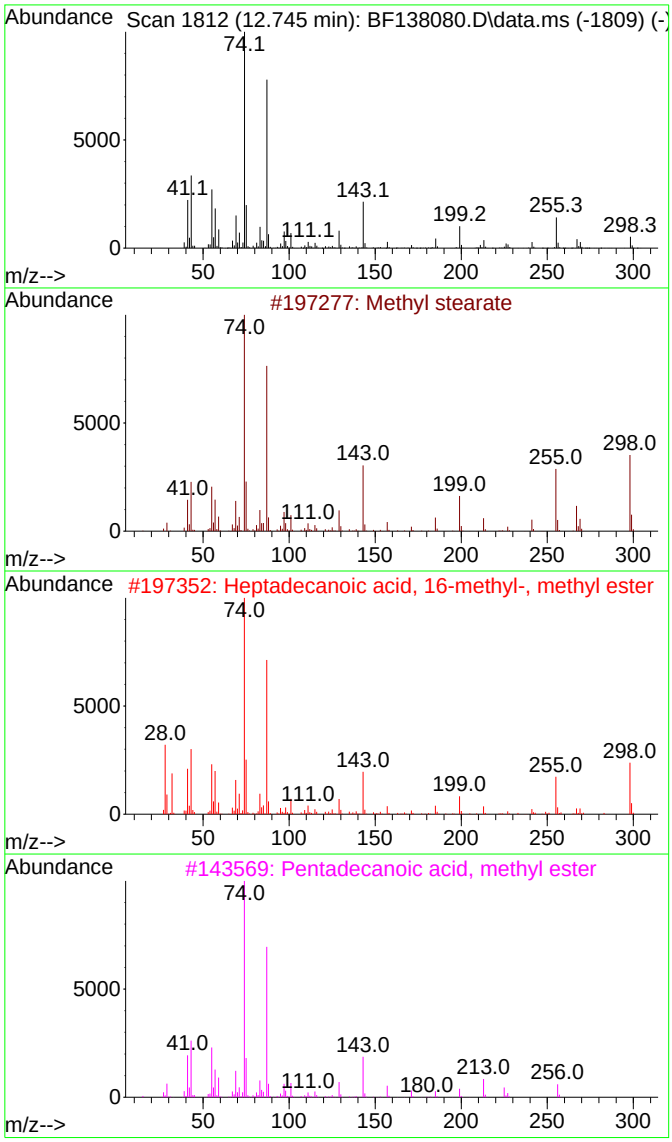
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

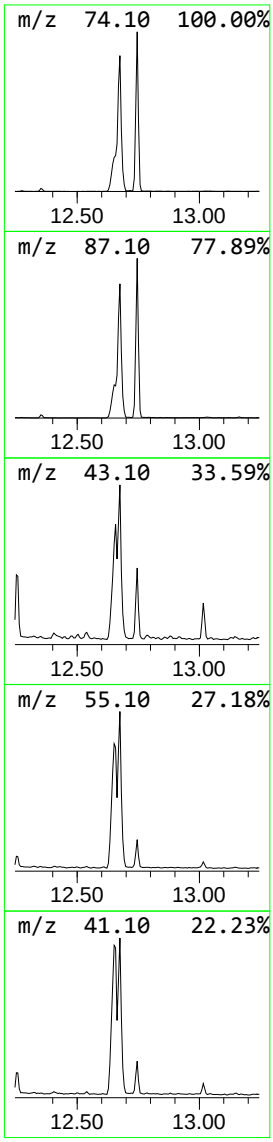
****

Peak Number 16 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	39.69 ng	1269620	Phenanthrene-d10	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

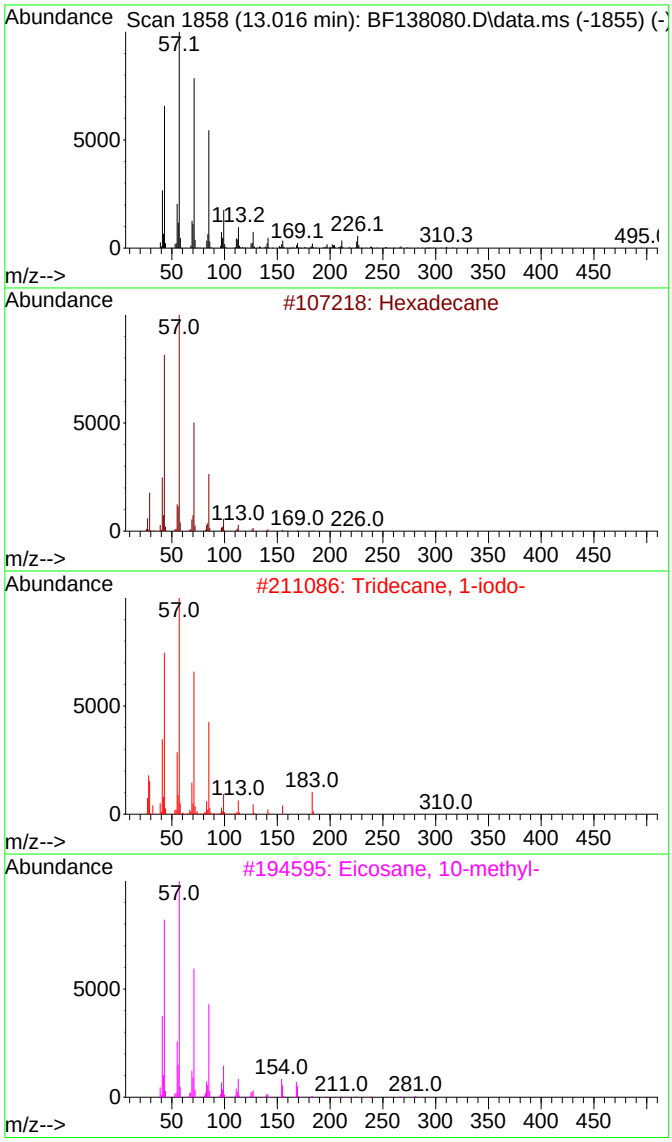
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

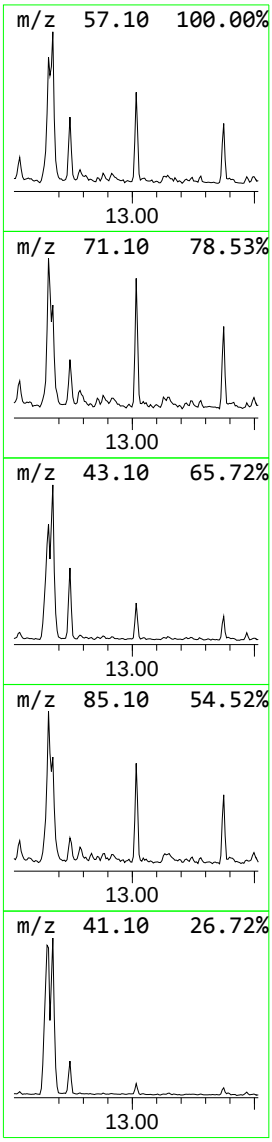
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.016	14.51 ng	382972	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

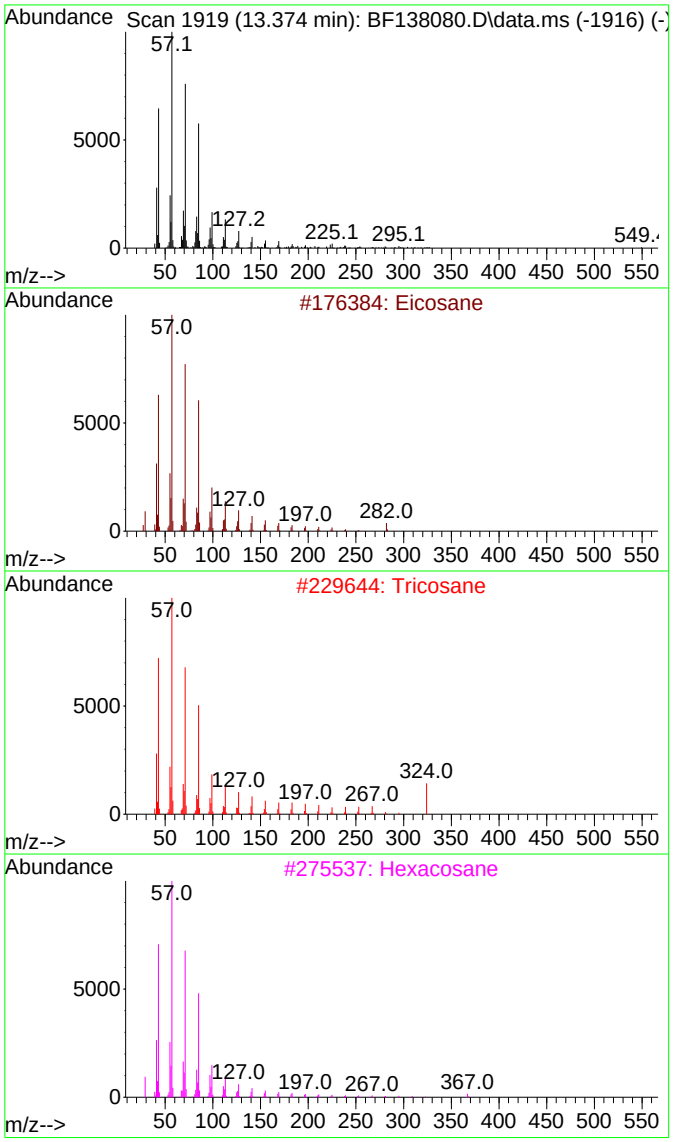
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

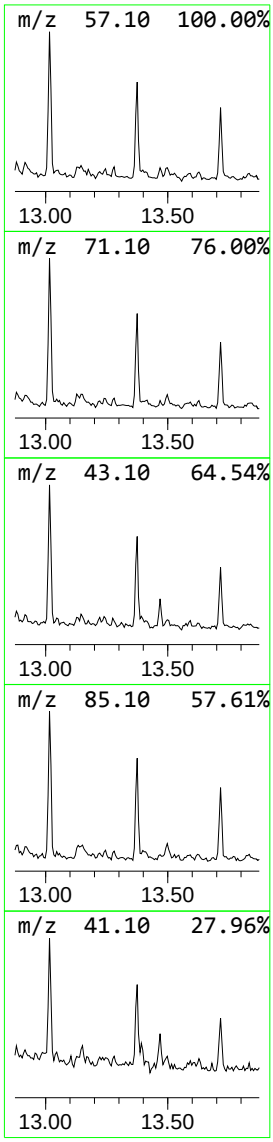
****

Peak Number 18 Tricosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	8.79 ng	232153	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Tricosane	324	C23H48	000638-67-5	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

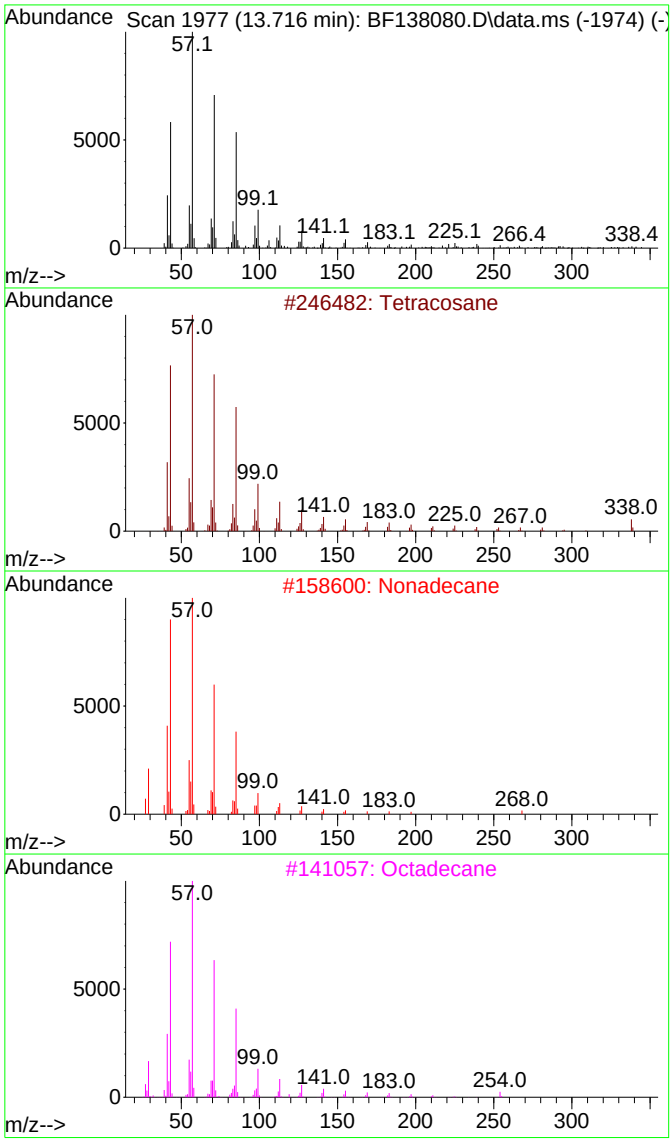
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

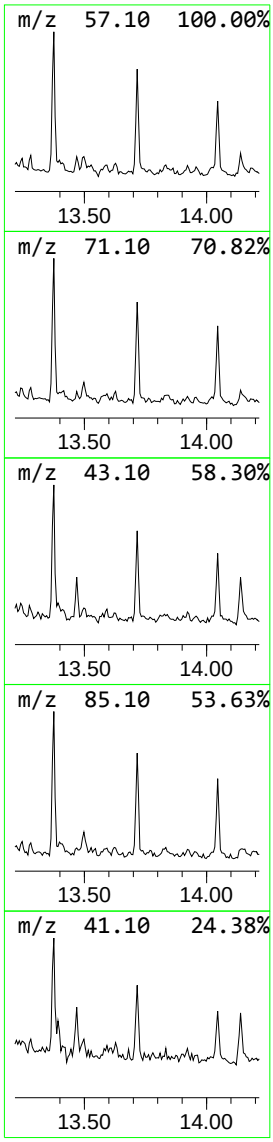
****

Peak Number 19 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	6.23 ng	164494	Chrysene-d12	14.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Nonadecane	268	C19H40	000629-92-5	96
3	Octadecane	254	C18H38	000593-45-3	95
4	Heptadecane	240	C17H36	000629-78-7	95
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

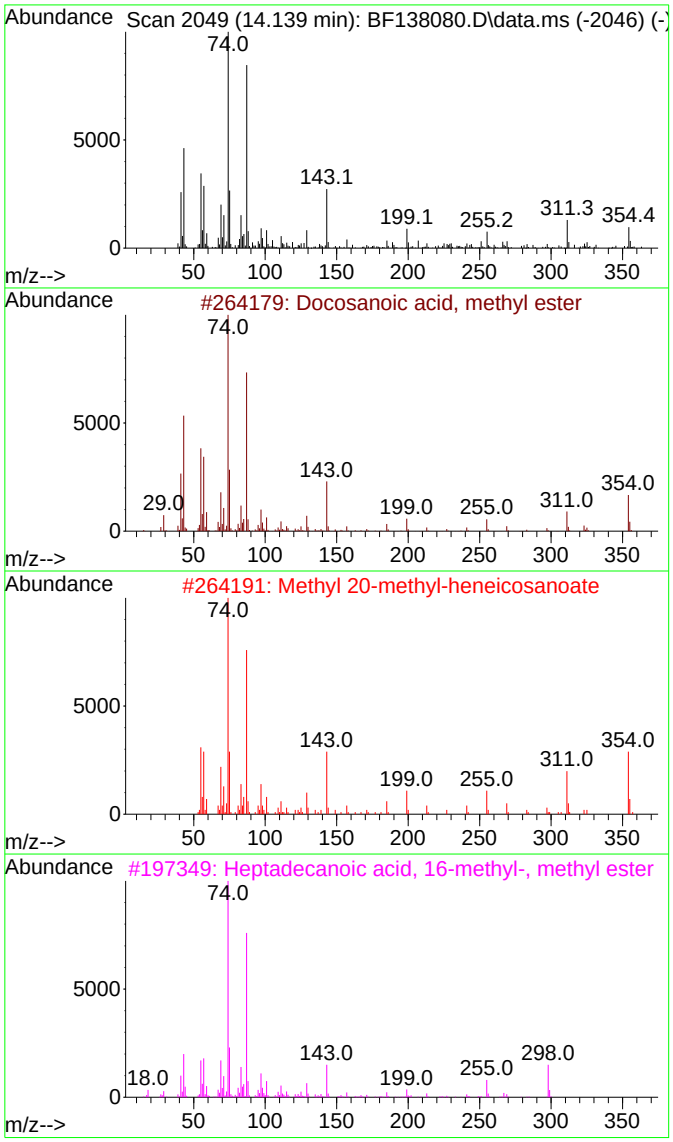
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

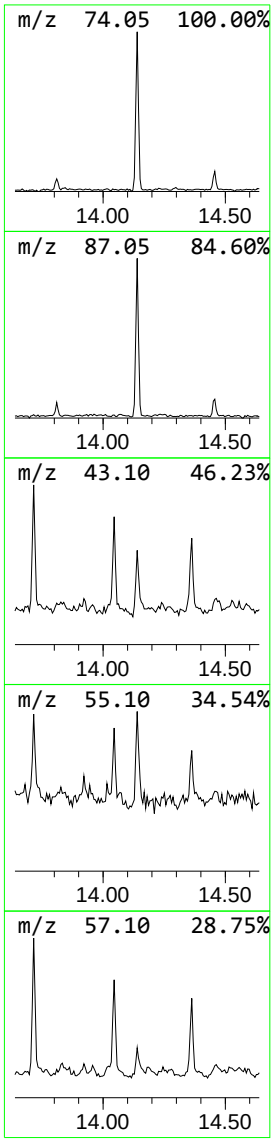
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.139	7.51 ng	198355	Chrysene-d12	14.227

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	98
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138080.D
Acq On : 30 May 2024 17:21
Operator : CG\JU
Sample : P2610-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-05242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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...	2.358	26.1	ng	771237	1	7.034	589919	20.0
Hexadecane	9.457	10.4	ng	375754	3	10.081	724306	20.0
Dodecane, 2,6,1...	9.781	12.3	ng	444537	3	10.081	724306	20.0
Tetradecane	9.992	17.6	ng	638345	3	10.081	724306	20.0
unknown10.392	10.392	6.2	ng	225330	3	10.081	724306	20.0
Heneicosane	10.492	24.4	ng	884107	3	10.081	724306	20.0
Pentadecane, 2,...	10.716	18.4	ng	666754	3	10.081	724306	20.0
Tetracosane	10.969	47.2	ng	1509570	4	11.581	639815	20.0
Octadecane	11.422	28.4	ng	909541	4	11.581	639815	20.0
2-Bromo dodecane	11.451	13.1	ng	419110	4	11.581	639815	20.0
Tetradecane, 4-...	11.845	24.7	ng	789275	4	11.581	639815	20.0
Hexadecanoic ac...	11.951	56.5	ng	1808740	4	11.581	639815	20.0
Eicosane	12.257	19.9	ng	636633	4	11.581	639815	20.0
9,12-Octadecadi...	12.657	301.1	ng	9632960	4	11.581	639815	20.0
16-Octadecenoic...	12.675	191.3	ng	6118600	4	11.581	639815	20.0
Methyl stearate	12.745	39.7	ng	1269620	4	11.581	639815	20.0
Tridecane, 1-iodo-	13.016	14.5	ng	382972	5	14.227	527951	20.0
Tricosane	13.374	8.8	ng	232153	5	14.227	527951	20.0
Heptadecane	13.716	6.2	ng	164494	5	14.227	527951	20.0
Docosanoic acid...	14.139	7.5	ng	198355	5	14.227	527951	20.0