LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140850.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.875	292	303	311	rBV	403112	693561	1.78%	0.547%
2	5.493	574	578	591	rVB2	424209	860492	2.21%	0.679%
3	5.822	628	634	639	rBV	491586	796814	2.04%	0.629%
4	6.510	746	751	759	rBV3	349511	943734	2.42%	0.745%
5	6.681	760	780	784	rBV2	990444	2221096	5.70%	1.753%
6	7.122	844	855	859	rBV3	257789	506200	1.30%	0.399%
7	7.169	859	863	870	rVB3	261811	490924	1.26%	0.387%
8	7.240	870	875	879	rBV2	211487	394593	1.01%	0.311%
9	7.322	879	889	890	rBV2	248686	467361	1.20%	0.369%
10	7.422	903	906	907	rVV	454216	464303	1.19%	0.366%
11	7.445	907	910	914	rVB	689920	856418	2.20%	0.676%
12	7.651	942	945	954	rVB2	284672	463338	1.19%	0.366%
13	7.875	980	983	987	rVV2	482271	717101	1.84%	0.566%
14	7.975	989	1000	1008	rVB4	661172	2279280	5.85%	1.798%
15	8.051	1008	1013	1017	rBV	593034	906391	2.32%	0.715%
16	8.116	1019	1024	1029	rVV3	1104732	1812526	4.65%	1.430%
17	8.187	1033	1036	1040	rVV2	402621	529933	1.36%	0.418%
18	8.428	1072	1077	1080	rVV5	371616	709096	1.82%	0.560%
19	8.469	1081	1084	1088	rVV2	457328	760674	1.95%	0.600%
20	8.640	1110	1113	1117	rBV	565079	701603	1.80%	0.554%
21	8.722	1123	1127	1131	rBV	1232664	1545633	3.96%	1.220%
22	8.798	1136	1140	1146	rVV3	380640	775741	1.99%	0.612%
23	8.957	1163	1167	1172	rBV4	681086	993333	2.55%	0.784%
24	9.087	1185	1189	1194	rBV4	559424	907955	2.33%	0.716%
25	9.151	1197	1200	1207	rVB2	394957	560777	1.44%	0.442%
26	9.216	1207	1211	1215	rVB	796675	984192	2.52%	0.777%
27	9.292	1219	1224	1228	rBV	1583874	2133181	5.47%	1.683%
28	9.551	1261	1268	1273	rBV7	338118	1029806	2.64%	0.813%
29	9.604	1273	1277	1281	rVV3	670607	1246167	3.20%	0.983%
30	9.822	1309	1314	1318	rVB	1717008	2183515	5.60%	1.723%
31	10.110	1360	1363	1365	rVV3	278693	412674	1.06%	0.326%
32	10.139	1366	1368	1372	rVB4	376093	468038	1.20%	0.369%
33	10.322	1393	1399	1406	rBV	1957741	2755315	7.07%	2.174%
34	10.539	1430	1436	1442	rBV	720963	1268774	3.25%	1.001%
35	10.692	1459	1462	1470	rVB	543287	742978	1.91%	0.586%
36	10.798	1475	1480	1488	rVB	2097932	3449646	8.85%	2.722%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.057	1521	1524	1530	rVB4	314212	562296	1.44%	0.444%
38	11.245	1551	1556	1559	rBV	1637161	2247160	5.76%	1.773%
39	11.275	1559	1561	1567	rVB	687610	792112	2.03%	0.625%
40	11.669	1624	1628	1640	rVB	1421399	2039899	5.23%	1.610%
41	11.780	1641	1647	1652	rVB	5459987	8010154	20.55%	6.320%
42	11.863	1653	1661	1666	rBV3	435284	1097175	2.81%	0.866%
43	11.951	1668	1676	1683	rVB	2014247	4172551	10.70%	3.292%
44	12.080	1694	1698	1706	rVB	1175937	1793469	4.60%	1.415%
45	12.522	1758	1773	1778	rBV4	10020923	38985419	100.00%	30.762%
46	12.580	1778	1783	1786	rVV	3333019	4373655	11.22%	3.451%
47	12.675	1786	1799	1804	rVV5	4680111	16192129	41.53%	12.777%
48	12.733	1804	1809	1816	rVB	1631140	2493844	6.40%	1.968%
49	12.839	1824	1827	1836	rVB	561944	976728	2.51%	0.771%
50	12.986	1847	1852	1860	rVB	827894	1147518	2.94%	0.905%
51	13.192	1883	1887	1893	rBV2	301229	678989	1.74%	0.536%
52	13.292	1900	1904	1910	rBV	301724	498271	1.28%	0.393%
53	13.410	1920	1924	1935	rVB6	320443	716896	1.84%	0.566%
54	13.957	2011	2017	2023	rVB2	266123	436322	1.12%	0.344%
55	14.810	2156	2162	2166	rBV2	275282	485291	1.24%	0.383%

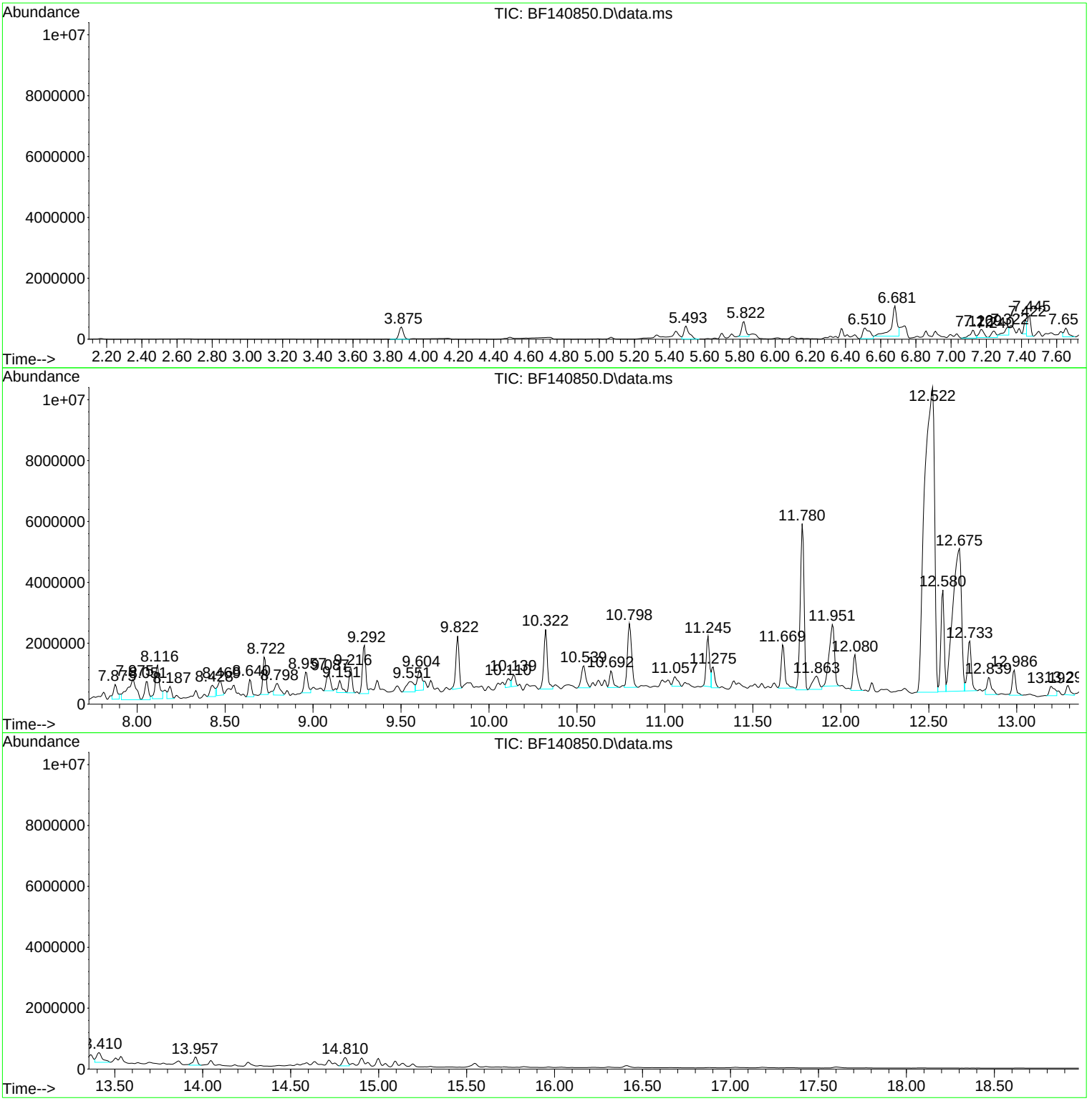
Sum of corrected areas: 126733041

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

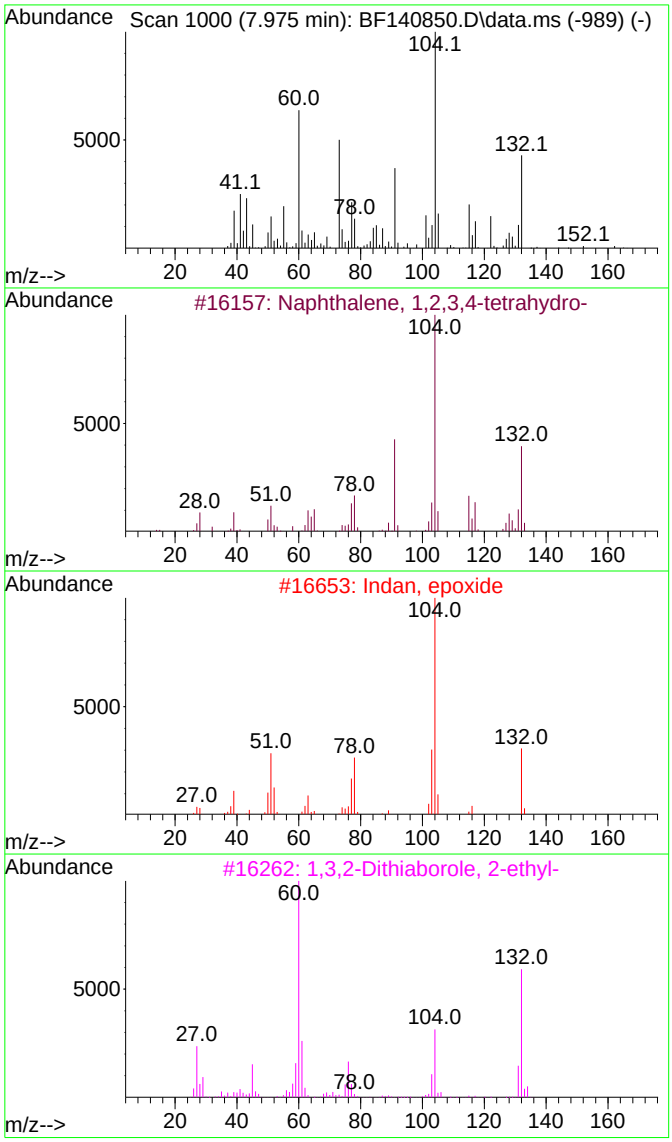
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

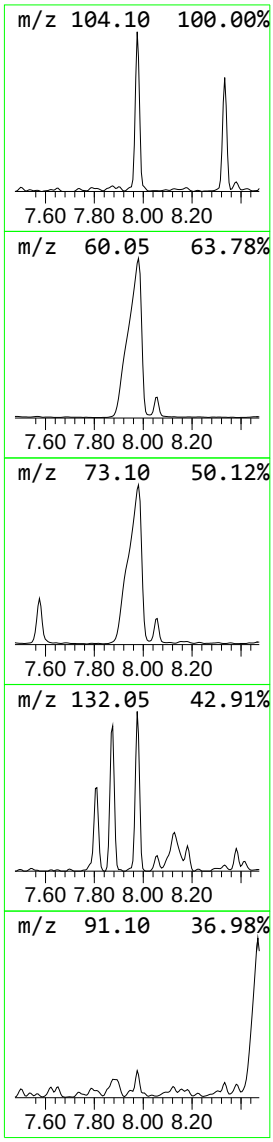
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.975	25.15 ng	2279280	Naphthalene-d8	8.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
2	Indan, epoxide	132	C9H8O	000768-22-9	45
3	1,3,2-Dithiaborole, 2-ethyl-	132	C4H9BS2	1000161-92-7	38
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38
5	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

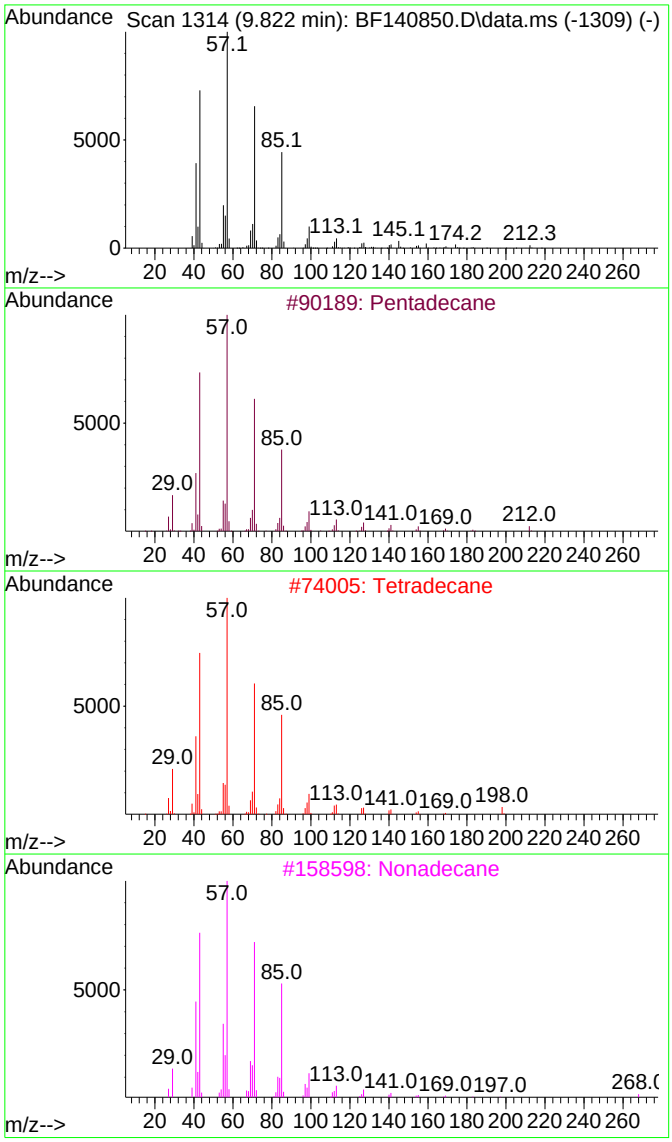
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

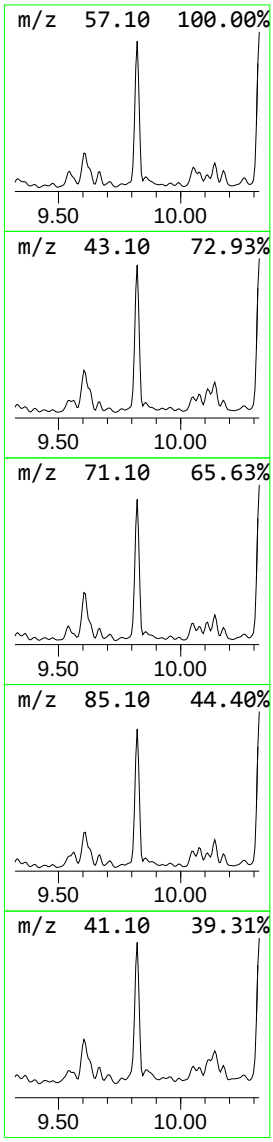
****

Peak Number 2 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.822	20.00 ng	2183520	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

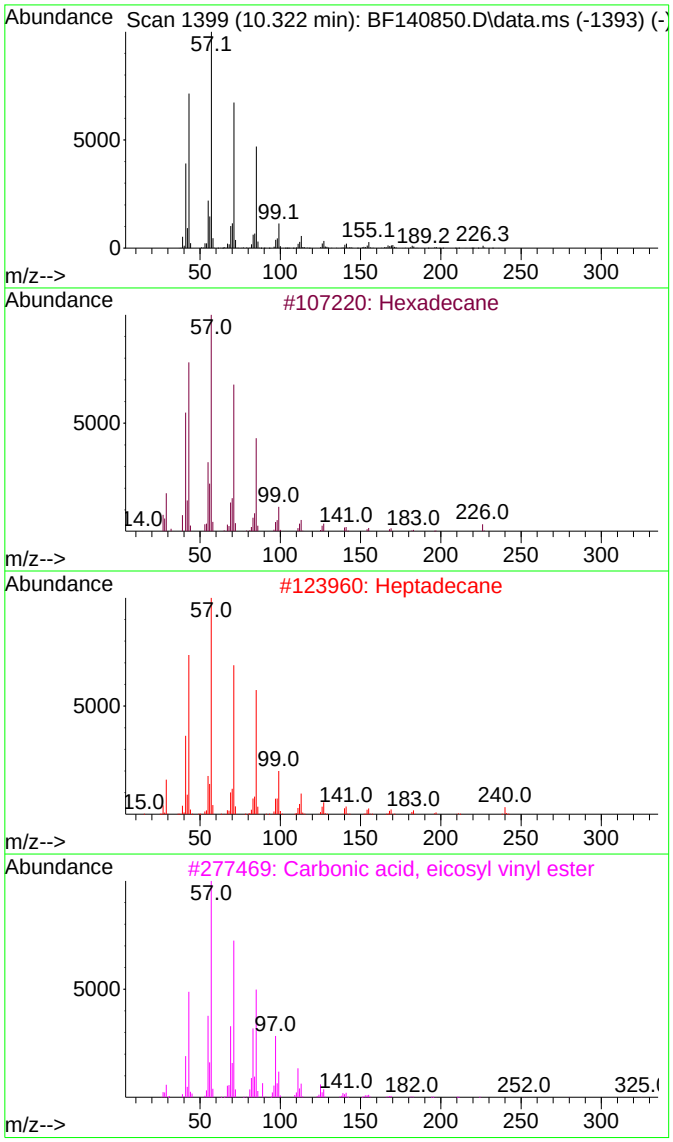
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

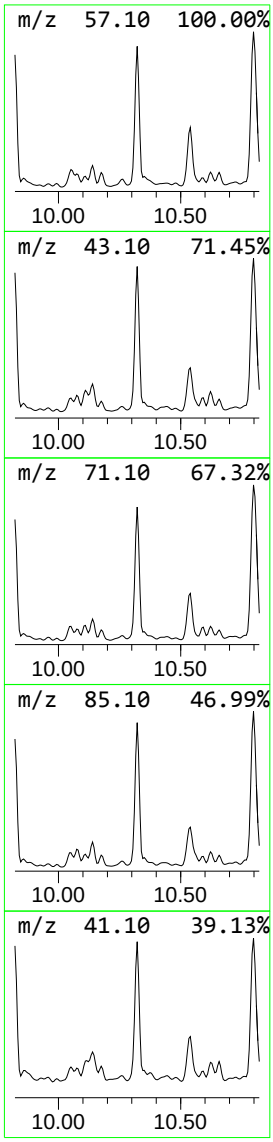
****

Peak Number 3 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	25.24 ng	2755320	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

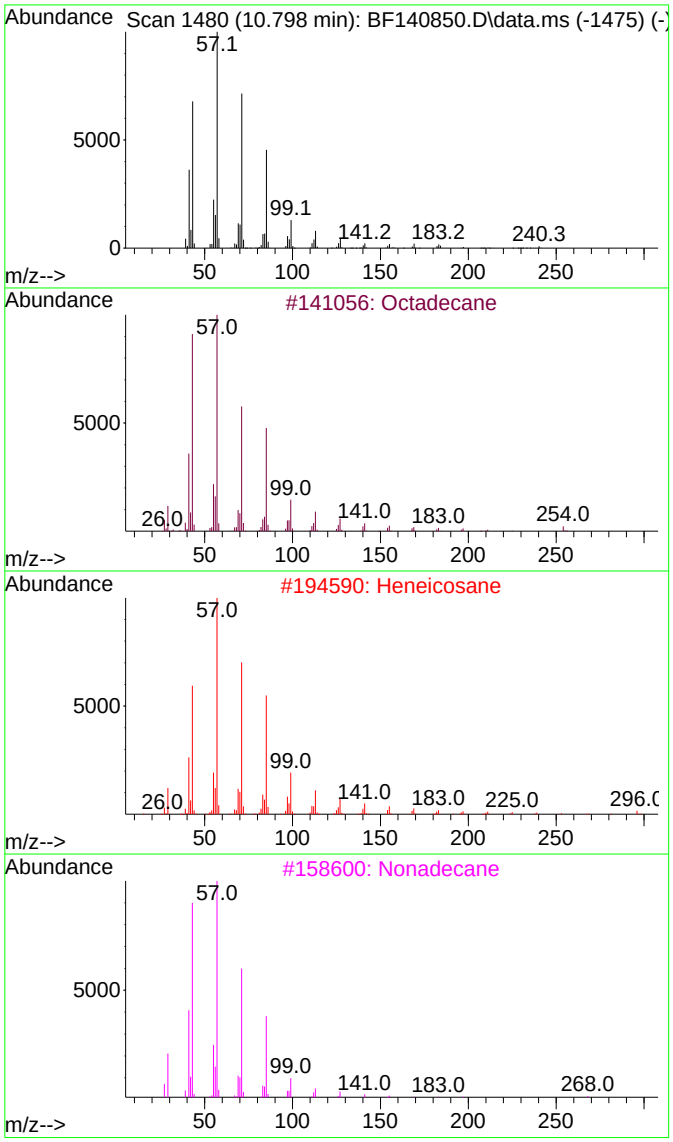
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

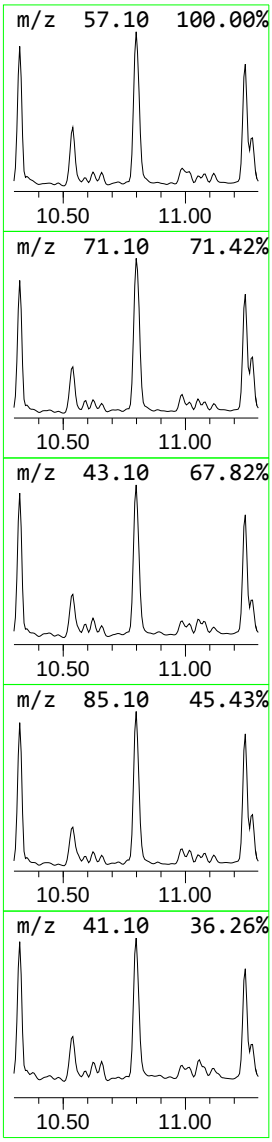
****

Peak Number 4 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	87.10 ng	3449650	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

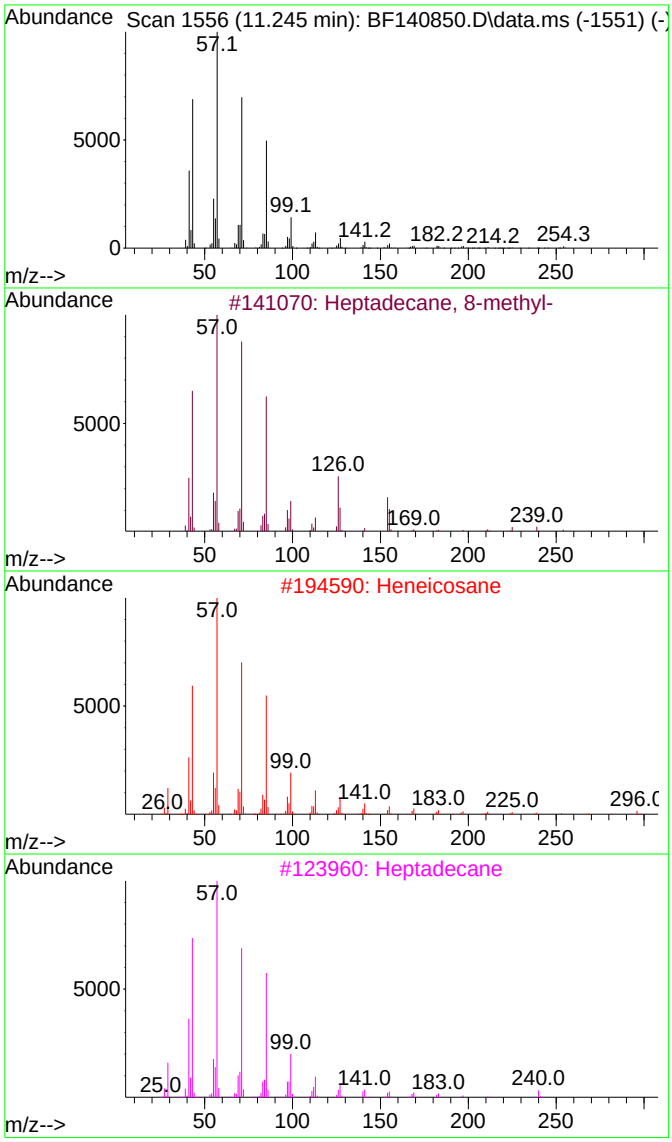
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

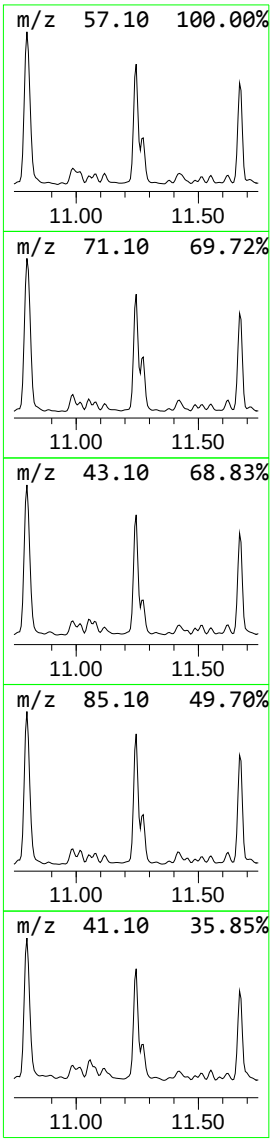
****

Peak Number 5 Heptadecane, 8-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	56.74 ng	2247160	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

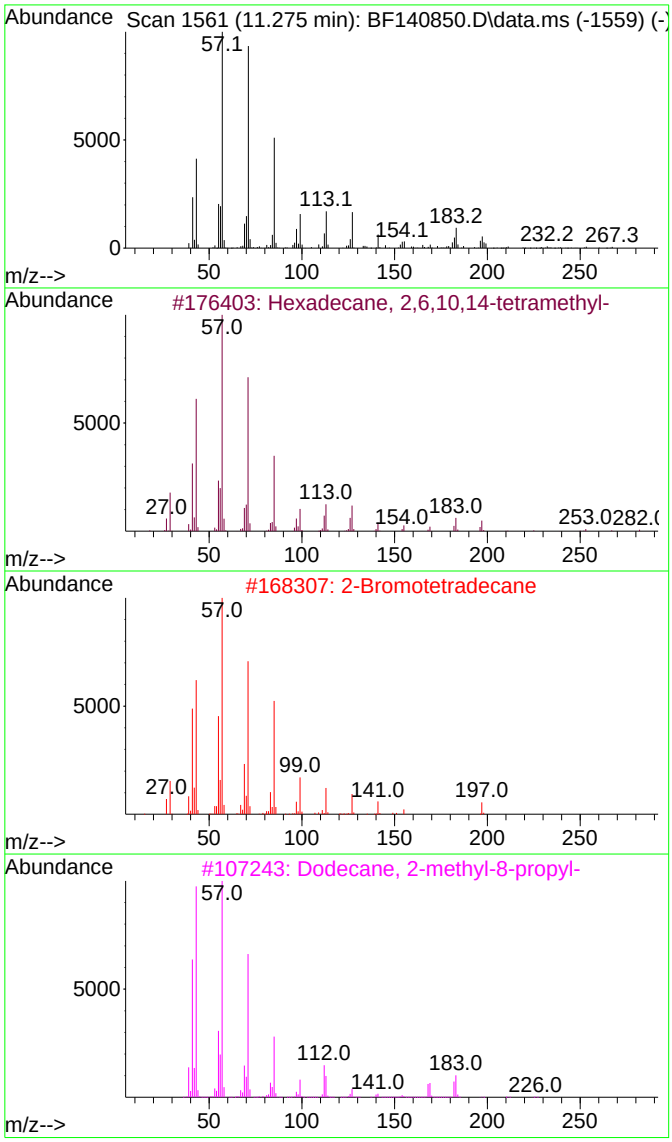
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

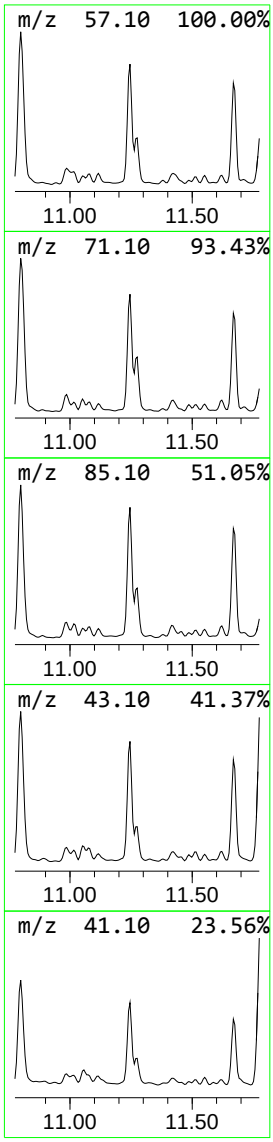
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	20.00 ng	792112	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87
4	Hexacosane	366	C26H54	000630-01-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

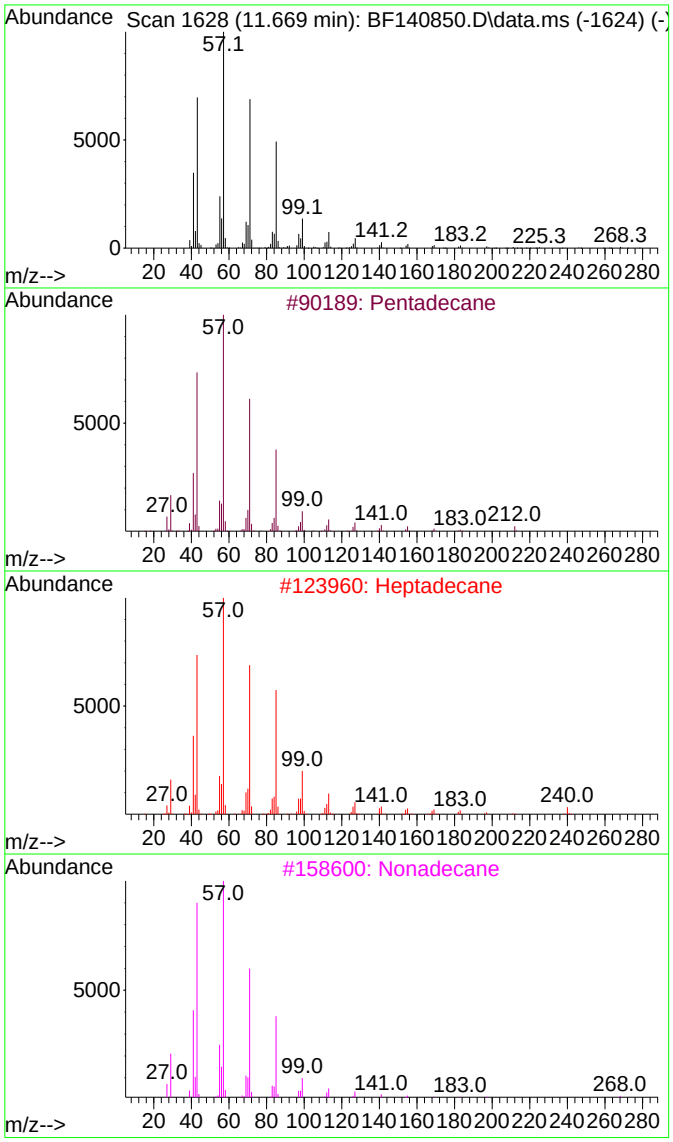
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

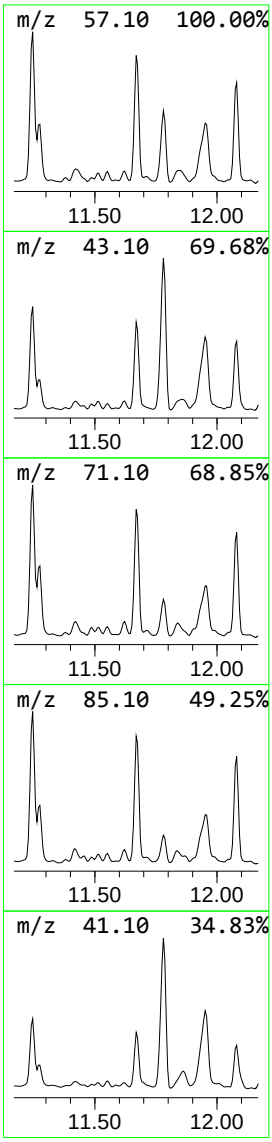
****

Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	51.51 ng	2039900	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

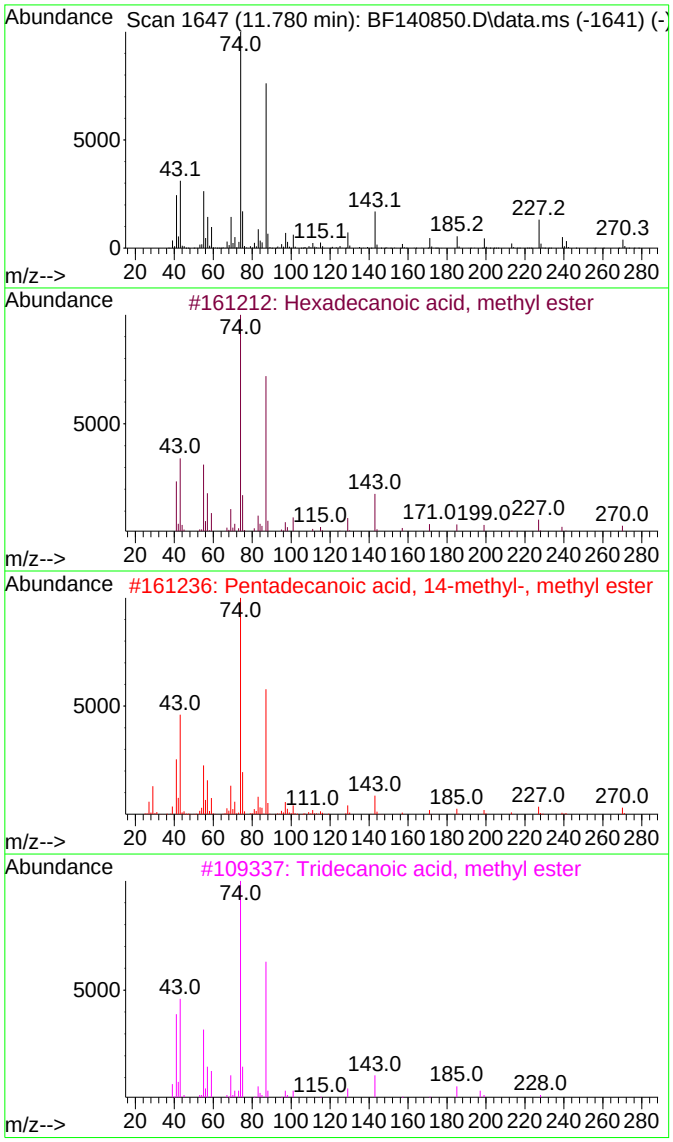
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

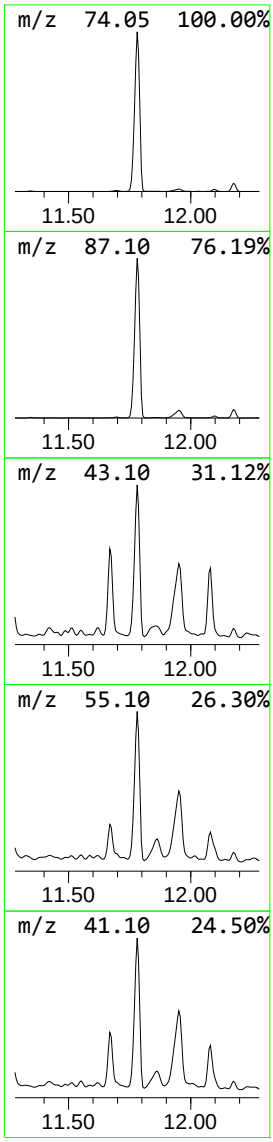
****

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.781	202.25 ng	8010150	Phenanthrene-d10	11.392

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	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Operator : RC/JU
Sample : P5220-03
Misc :
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Instrument :
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ClientSampleId :
GAS-AUD-1610-1611-1612

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

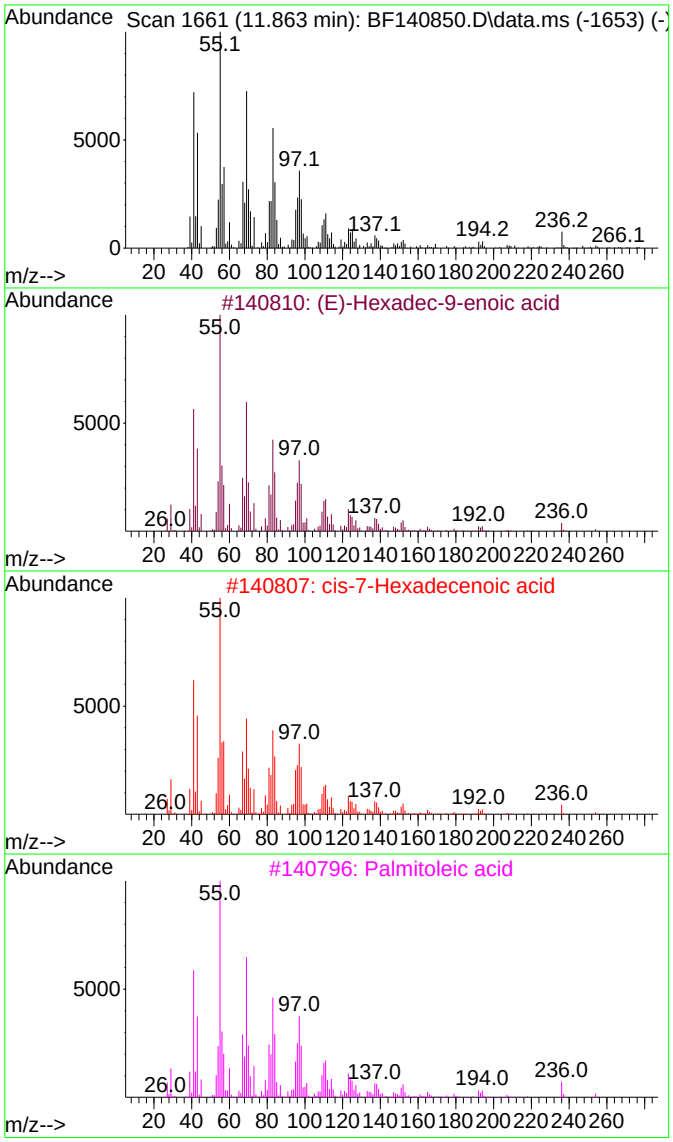
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

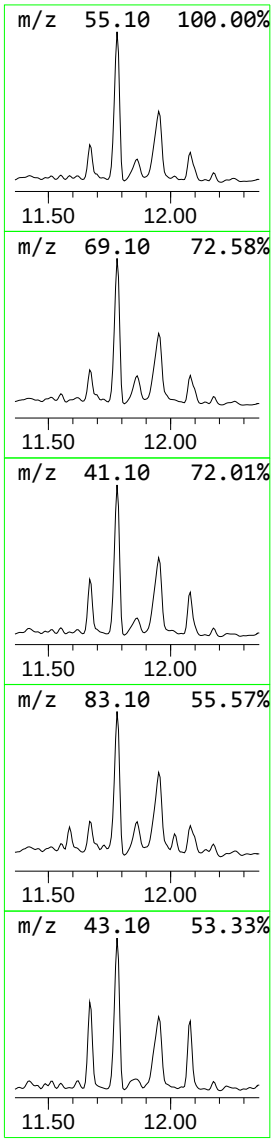
****

Peak Number 9 (E)-Hexadec-9-enoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	27.70 ng	1097180	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
3	Palmitoleic acid	254	C16H30O2	000373-49-9	99
4	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	93
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	93





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Misc :
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Instrument :
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ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

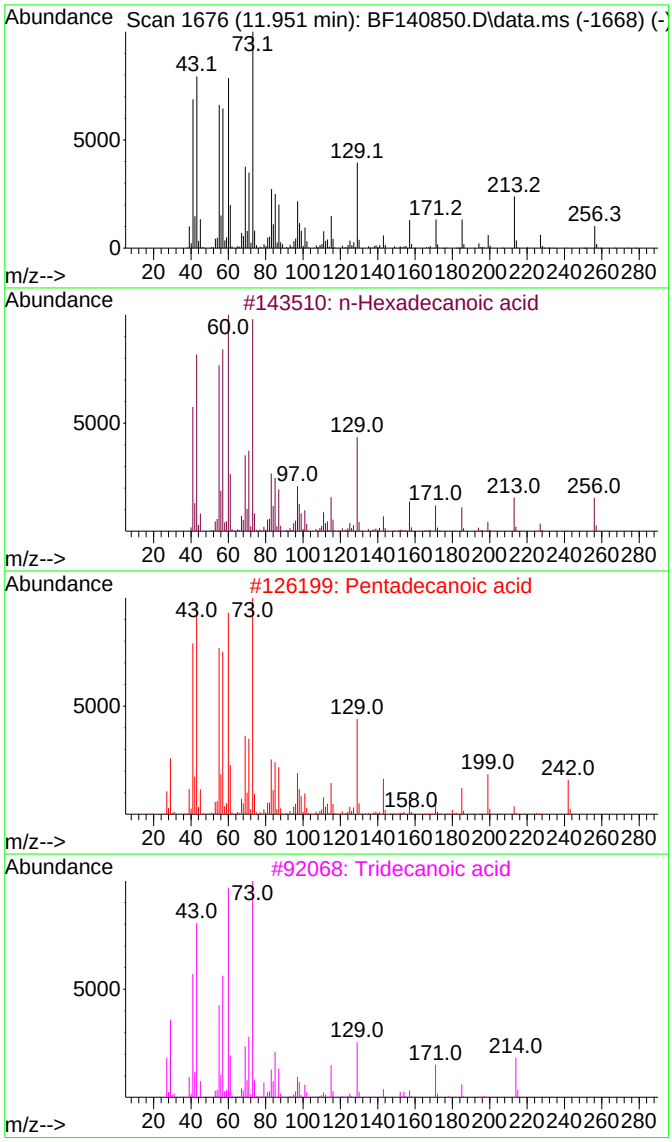
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

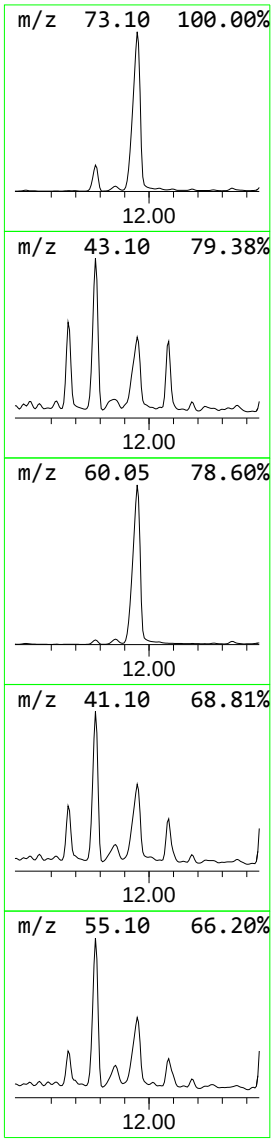
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	105.35 ng	4172550	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	64





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Misc :
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Instrument :
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ClientSampleId :
GAS-AUD-1610-1611-1612

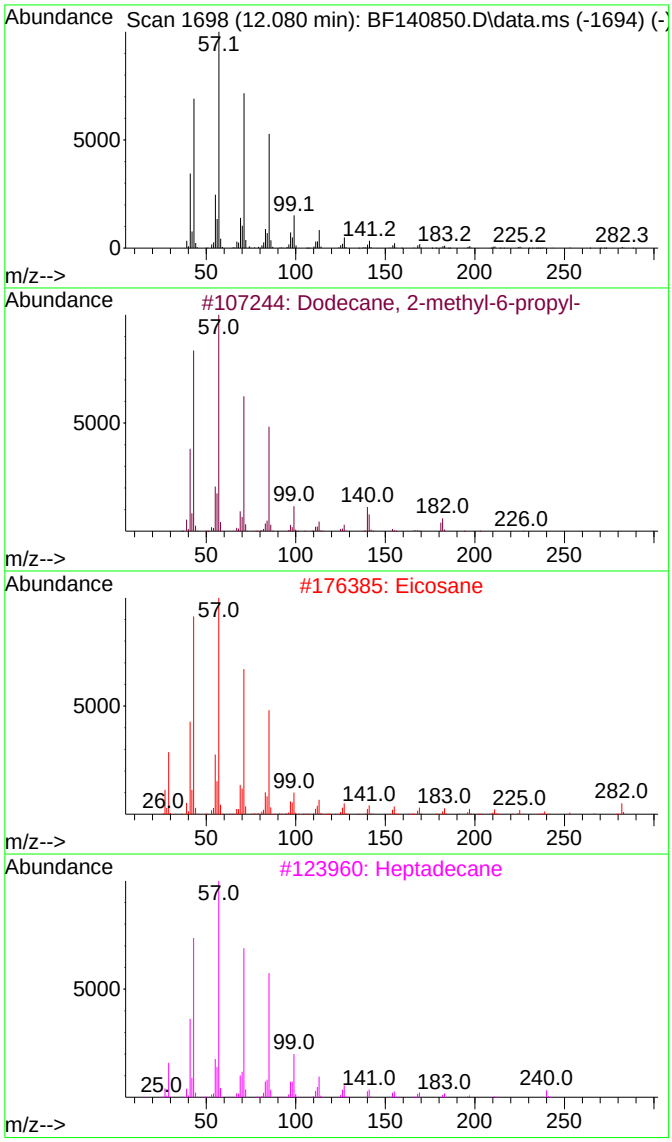
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

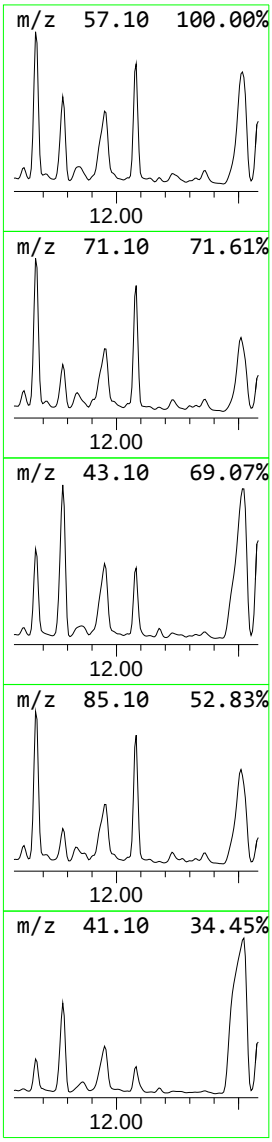
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	45.28 ng	1793470	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Eicosane	282	C20H42	000112-95-8	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





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Sample : P5220-03
Misc :
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Instrument :
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ClientSampleId :
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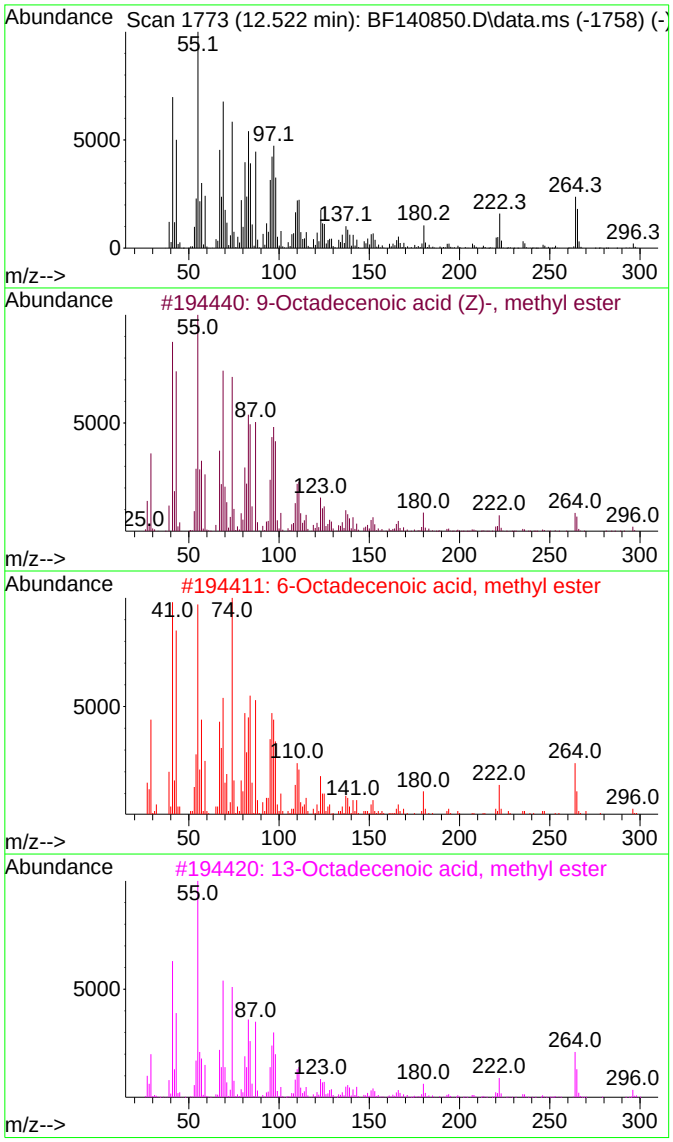
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

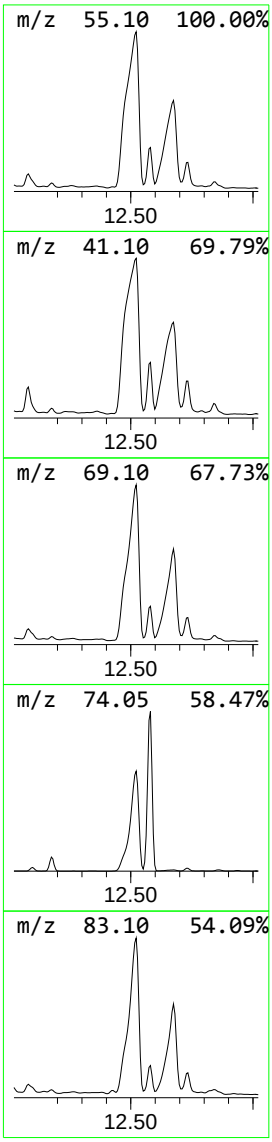
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	984.34 ng	38985400	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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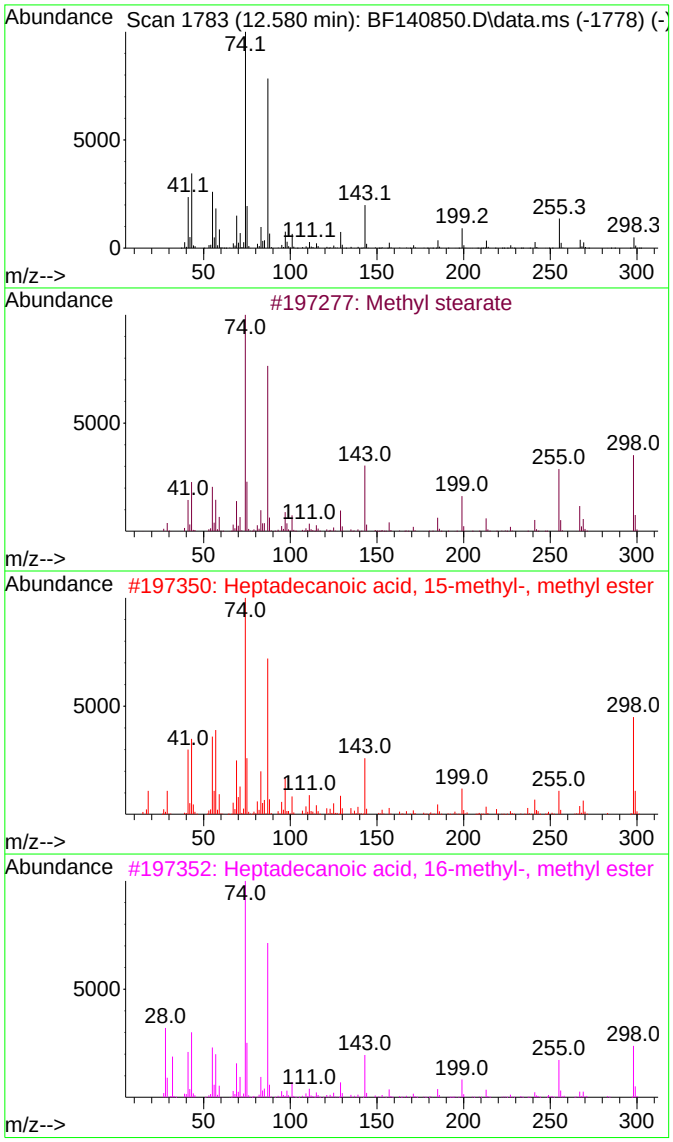
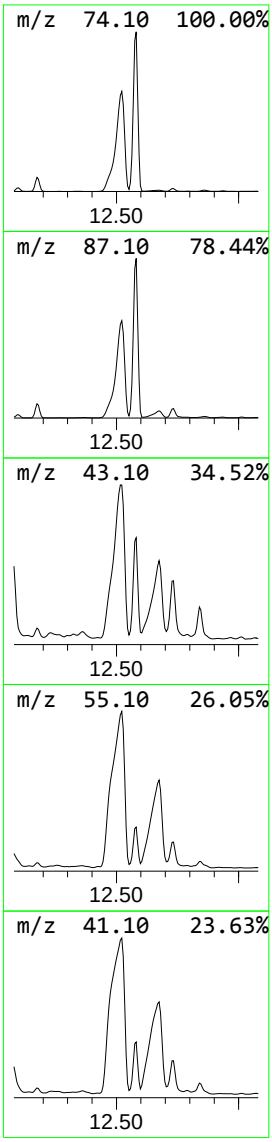
Peak Number 13 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	110.43 ng	4373660	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83





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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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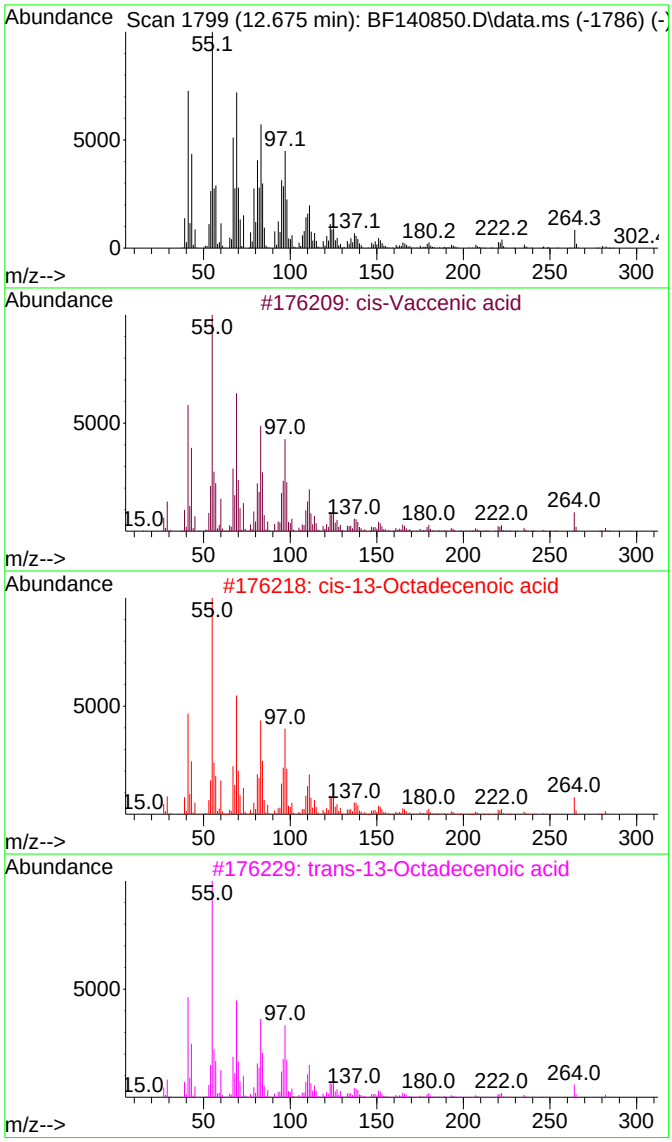
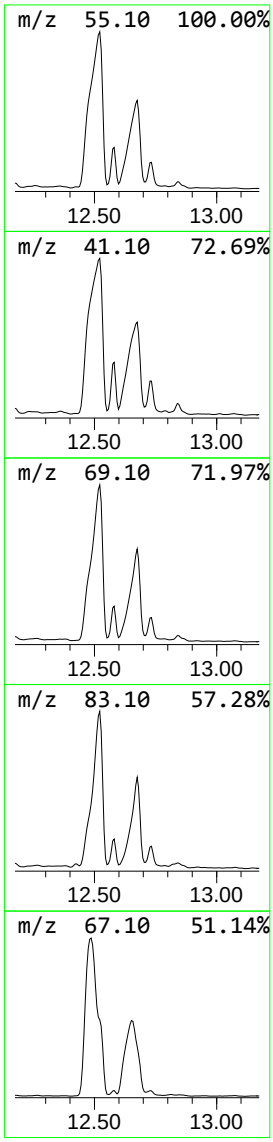
Peak Number 14 cis-Vaccenic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	408.83 ng	16192100	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	93
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	92
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91
5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	83





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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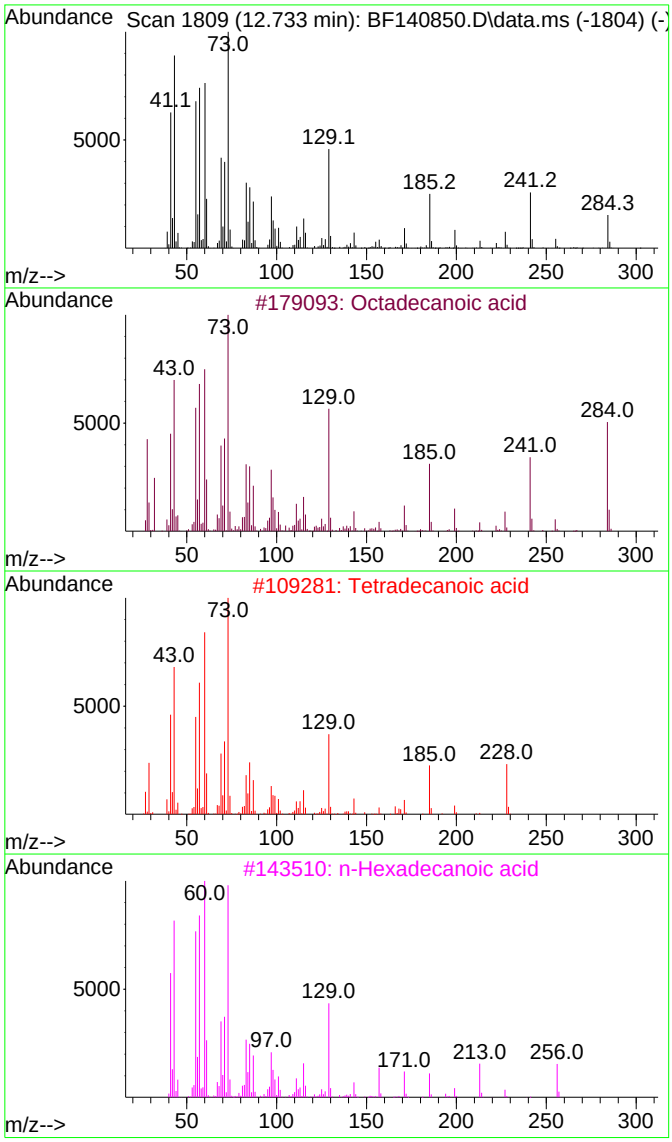
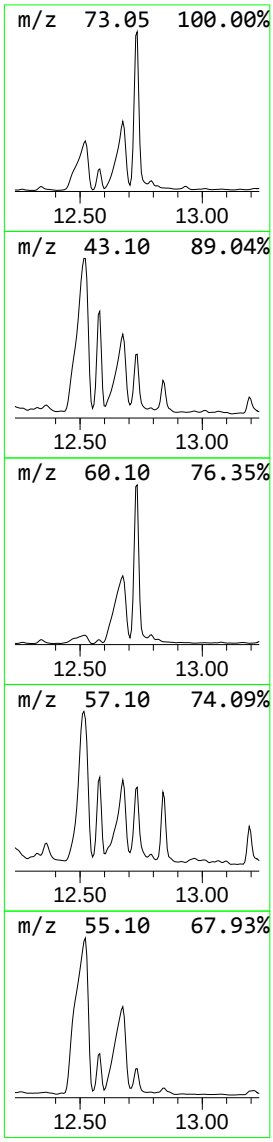
Peak Number 15 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	114.31 ng	2493840	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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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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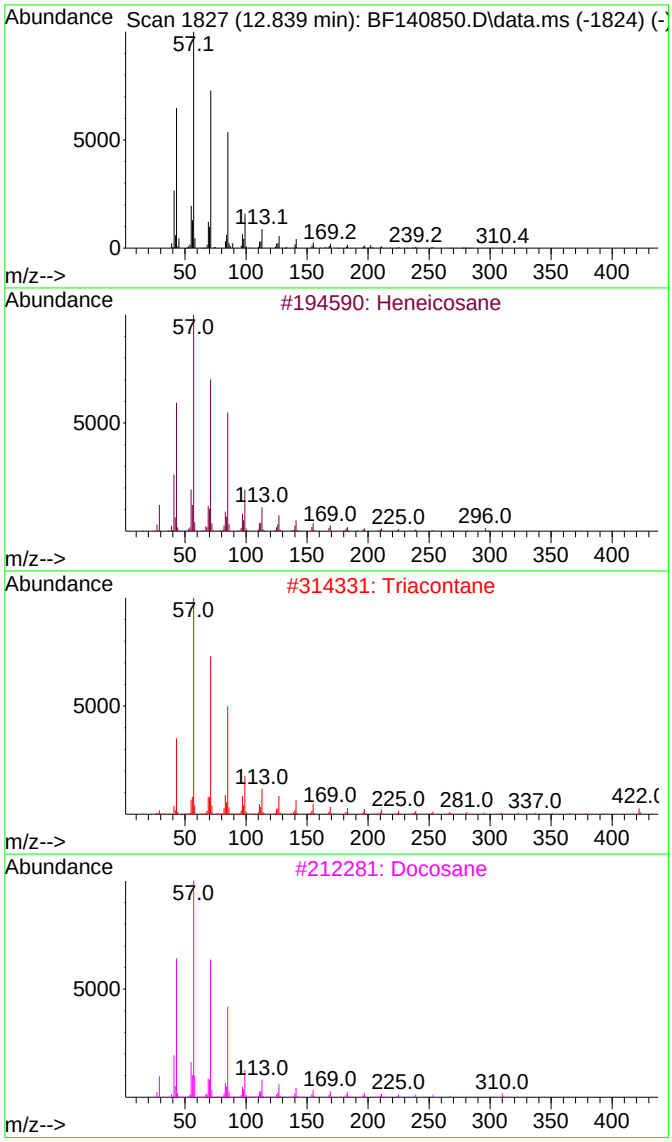
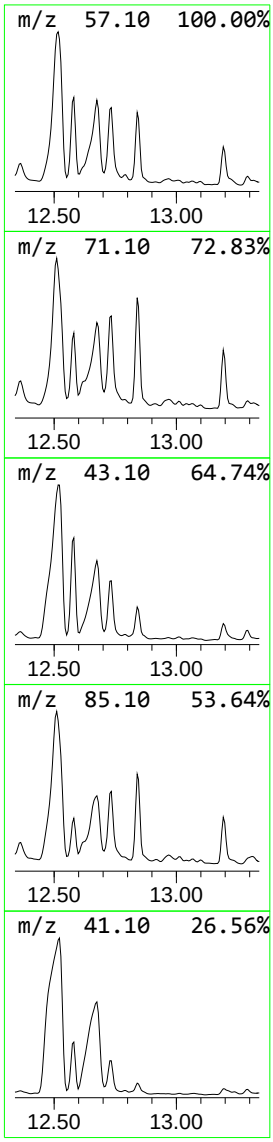
Peak Number 16 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.839	44.77 ng	976728	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	90
3	Docosane	310	C22H46	000629-97-0	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	90





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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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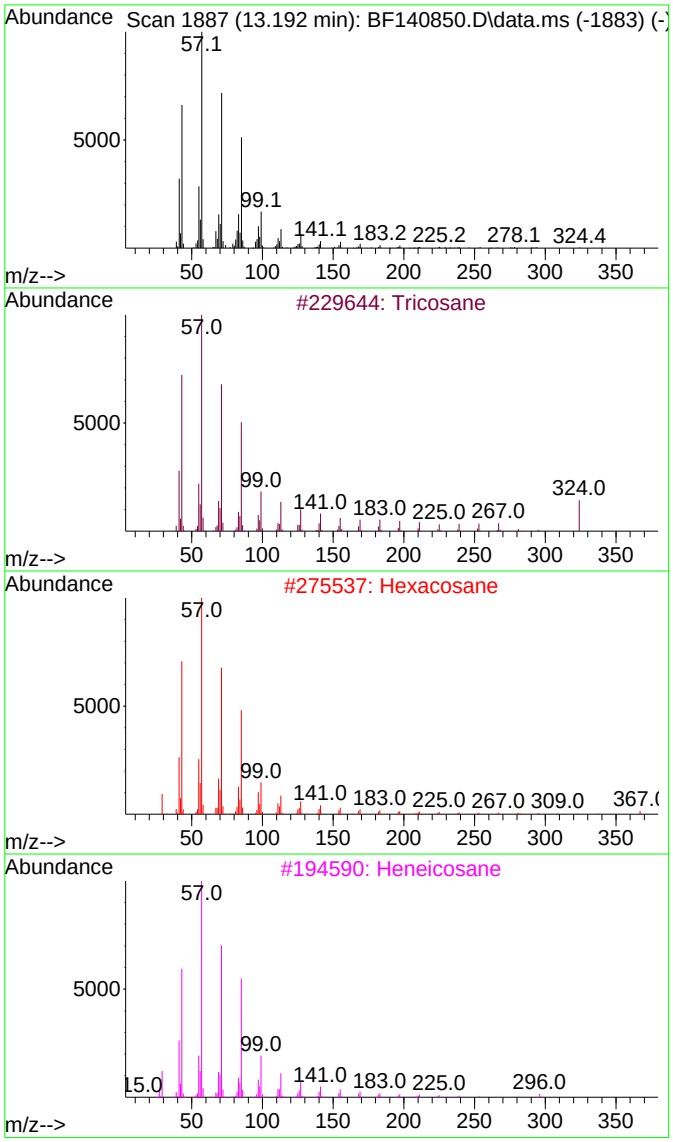
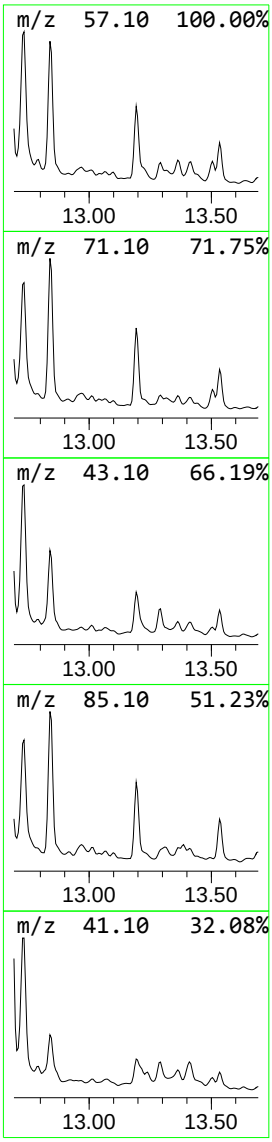
Peak Number 17 Tricosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	31.12 ng	678989	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane	240	C17H36	000629-78-7	87





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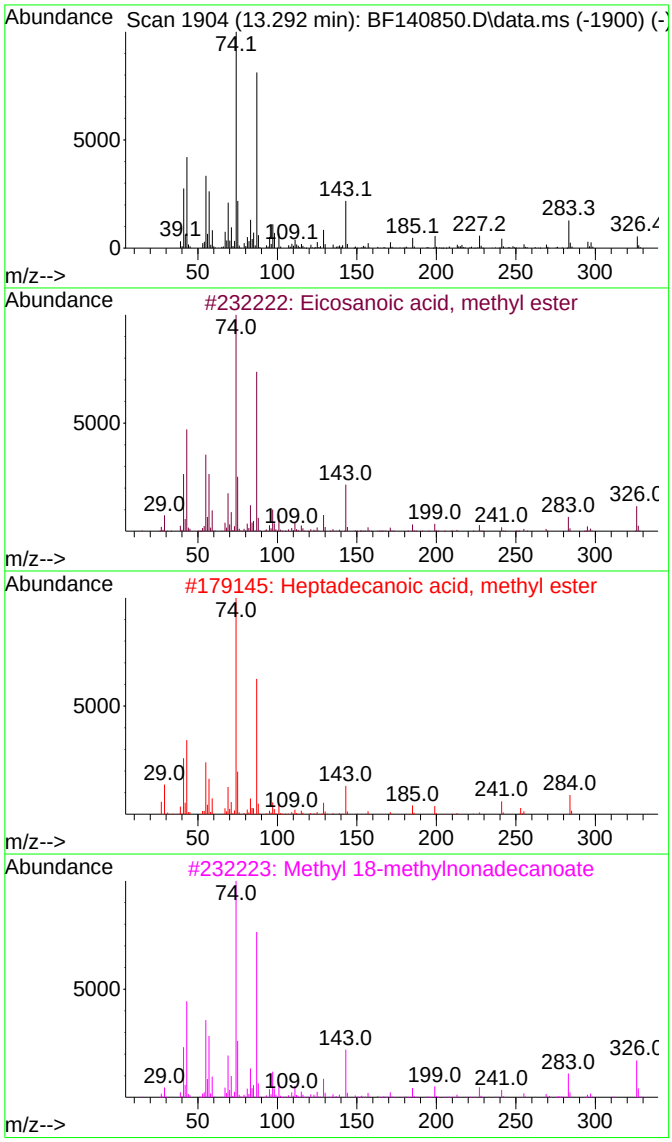
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

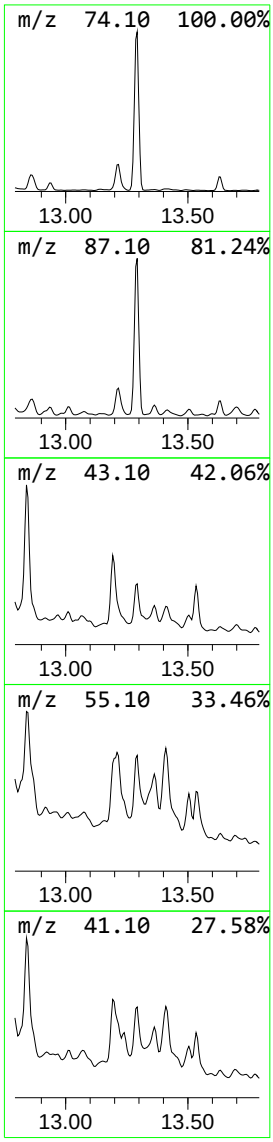
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	22.84 ng	498271	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





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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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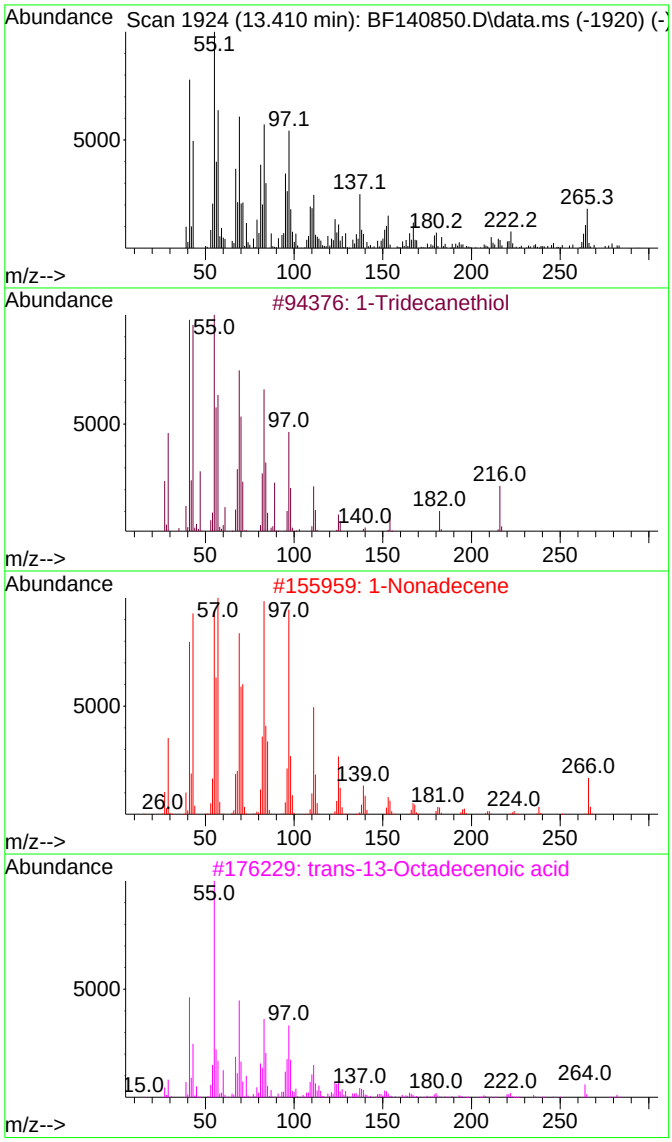
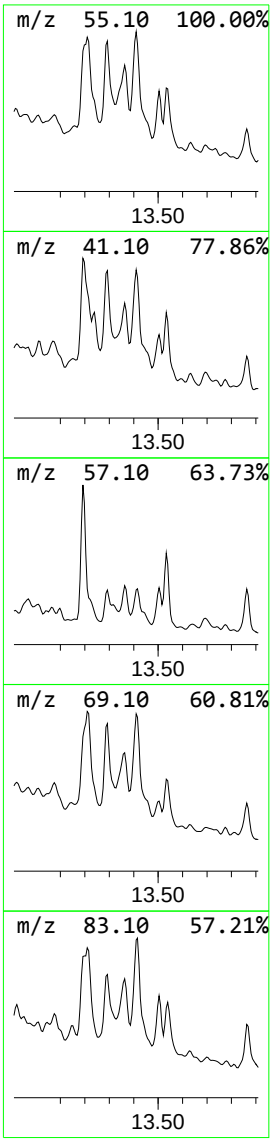
Peak Number 19 1-Tridecanethiol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	32.86 ng	716896	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecanethiol	216	C13H28S	019484-26-5	55
2	1-Nonadecene	266	C19H38	018435-45-5	53
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	50
4	Oleic Acid	282	C18H34O2	000112-80-1	49
5	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	49





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

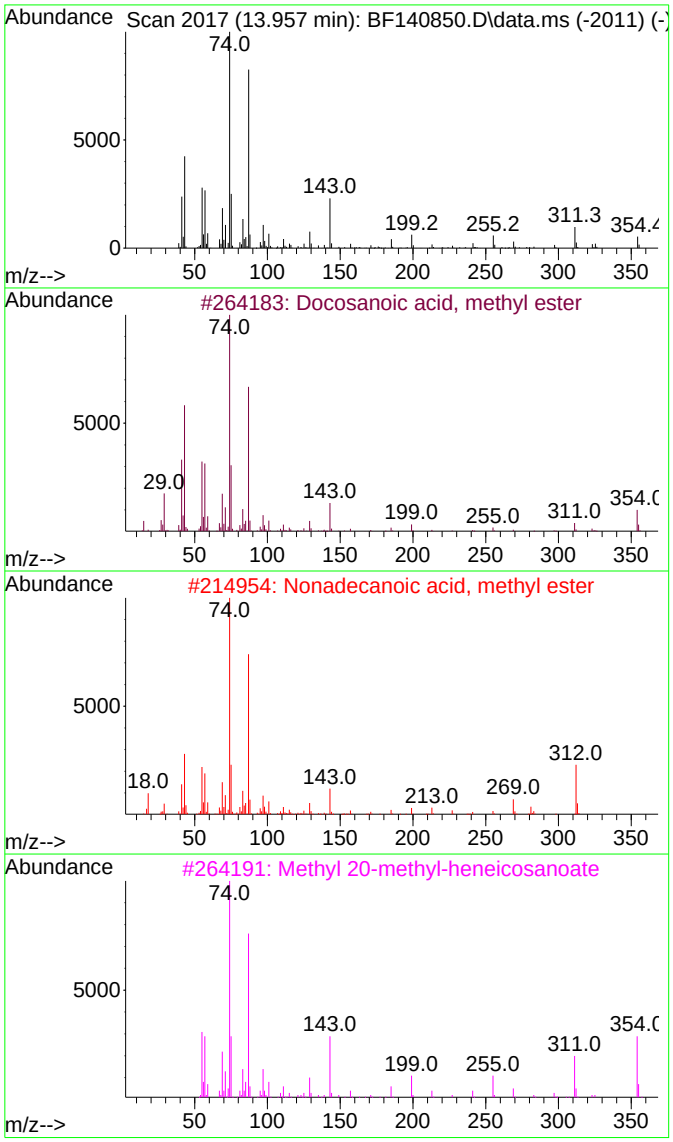
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

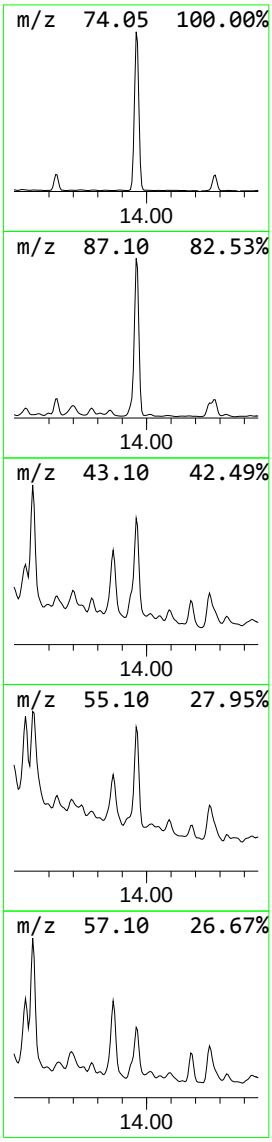
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	20.00 ng	436322	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	92
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90
5	Methyl stearate	298	C19H38O2	000112-61-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140850.D
Acq On : 13 Dec 2024 17:54
Operator : RC/JU
Sample : P5220-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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
Naphthalene, 1,...	7.975	25.1	ng	2279280	2	8.140	1812530	20.0
Pentadecane	9.822	20.0	ng	2183520	3	9.898	2183520	20.0
Hexadecane	10.322	25.2	ng	2755320	3	9.898	2183520	20.0
Octadecane	10.798	87.1	ng	3449650	4	11.392	792112	20.0
Heptadecane, 8-...	11.245	56.7	ng	2247160	4	11.392	792112	20.0
Hexadecane, 2,6...	11.275	20.0	ng	792112	4	11.392	792112	20.0
Heptadecane	11.669	51.5	ng	2039900	4	11.392	792112	20.0
Hexadecanoic ac...	11.781	202.3	ng	8010150	4	11.392	792112	20.0
(E)-Hexadec-9-e...	11.863	27.7	ng	1097180	4	11.392	792112	20.0
n-Hexadecanoic ...	11.951	105.3	ng	4172550	4	11.392	792112	20.0
Dodecane, 2-met...	12.081	45.3	ng	1793470	4	11.392	792112	20.0
9-Octadecenoic ...	12.522	984.3	ng	38985400	4	11.392	792112	20.0
Methyl stearate	12.580	110.4	ng	4373660	4	11.392	792112	20.0
cis-Vaccenic acid	12.675	408.8	ng	16192100	4	11.392	792112	20.0
Octadecanoic acid	12.733	114.3	ng	2493840	5	14.045	436322	20.0
Heneicosane	12.839	44.8	ng	976728	5	14.045	436322	20.0
Tricosane	13.192	31.1	ng	678989	5	14.045	436322	20.0
Eicosanoic acid...	13.292	22.8	ng	498271	5	14.045	436322	20.0
1-Tridecanethiol	13.410	32.9	ng	716896	5	14.045	436322	20.0
Docosanoic acid...	13.957	20.0	ng	436322	5	14.045	436322	20.0