LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136037.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	566	570	573	rBV	1566749	1308688	4.90%	1.260%
2	6.445	737	741	744	rVB	1634345	1306499	4.90%	1.258%
3	6.822	801	805	812	rVB	1267638	1097559	4.11%	1.057%
4	7.375	897	899	902	rVV	1018826	906480	3.40%	0.873%
5	7.416	904	906	910	rVB	547586	438533	1.64%	0.422%
6	7.622	936	941	945	rVB3	256589	381808	1.43%	0.368%
7	7.857	979	981	985	rVB4	236910	290312	1.09%	0.280%
8	8.063	1010	1016	1017	rBV5	175676	267434	1.00%	0.258%
9	8.098	1017	1022	1025	rVV2	1706446	2415474	9.05%	2.326%
10	8.169	1032	1034	1036	rVB	440657	329006	1.23%	0.317%
11	8.275	1045	1052	1054	rBV4	182989	302375	1.13%	0.291%
12	8.298	1054	1056	1060	rVB2	306576	289599	1.09%	0.279%
13	8.398	1068	1073	1075	rBV4	410952	592196	2.22%	0.570%
14	8.451	1080	1082	1085	rVB3	394306	344210	1.29%	0.331%
15	8.487	1085	1088	1091	rBV2	534330	508997	1.91%	0.490%
16	8.528	1091	1095	1097	rBV2	595898	531978	1.99%	0.512%
17	8.604	1105	1108	1111	rBV2	684089	613017	2.30%	0.590%
18	8.698	1120	1124	1127	rBV	1984929	1620522	6.07%	1.560%
19	8.763	1132	1135	1137	rVV2	366462	306314	1.15%	0.295%
20	8.928	1156	1163	1167	rBV5	621788	750837	2.81%	0.723%
21	8.981	1170	1172	1174	rBV2	322437	282061	1.06%	0.272%
22	9.063	1185	1186	1191	rVB2	480953	347749	1.30%	0.335%
23	9.104	1191	1193	1195	rBV2	341731	301199	1.13%	0.290%
24	9.128	1195	1197	1202	rVB2	656618	669108	2.51%	0.644%
25	9.181	1202	1206	1209	rBV	2138808	1611090	6.04%	1.551%
26	9.269	1215	1221	1224	rBV	2505353	2290470	8.58%	2.206%
27	9.298	1224	1226	1229	rVV4	222014	267615	1.00%	0.258%
28	9.334	1229	1232	1234	rVB	311910	276605	1.04%	0.266%
29	9.434	1245	1249	1251	rBV5	231306	334056	1.25%	0.322%
30	9.498	1257	1260	1262	rBV3	292199	365503	1.37%	0.352%
31	9.522	1262	1264	1266	rVV3	436813	468171	1.75%	0.451%
32	9.545	1266	1268	1270	rVV2	442670	363054	1.36%	0.350%
33	9.586	1270	1275	1277	rVV4	1005985	1223231	4.58%	1.178%
34	9.610	1277	1279	1282	rVV2	722144	624841	2.34%	0.602%
35	9.645	1282	1285	1288	rVB3	595718	494883	1.85%	0.477%
36	9.798	1308	1311	1315	rVB	2613092	2160435	8.10%	2.080%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.839	1315	1318	1319	rBV3	404030	378950	1.42%	0.365%
38	9.857	1319	1321	1324	rVB	1679694	1446596	5.42%	1.393%
39	10.039	1347	1352	1354	rBV4	356083	627259	2.35%	0.604%
40	10.057	1354	1355	1358	rVV	342497	286468	1.07%	0.276%
41	10.122	1362	1366	1370	rBV4	606728	651224	2.44%	0.627%
42	10.304	1393	1397	1399	rVV	2696047	2265844	8.49%	2.182%
43	10.357	1404	1406	1411	rVB4	232770	274811	1.03%	0.265%
44	10.522	1428	1434	1437	rBV	1052358	1348077	5.05%	1.298%
45	10.604	1446	1448	1451	rBV2	372404	378545	1.42%	0.365%
46	10.645	1451	1455	1460	rVB2	1172786	1091059	4.09%	1.051%
47	10.780	1474	1478	1486	rBV	2534697	3079921	11.54%	2.966%
48	11.104	1530	1533	1538	rVB3	232240	350993	1.32%	0.338%
49	11.228	1551	1554	1557	rBV	2129657	1839762	6.89%	1.772%
50	11.257	1557	1559	1565	rVB	894076	913103	3.42%	0.879%
51	11.351	1572	1575	1577	rBV	1374121	1113192	4.17%	1.072%
52	11.657	1624	1627	1630	rBV	1849106	1560037	5.85%	1.502%
53	11.775	1641	1647	1650	rVB	8279100	10233754	38.35%	9.855%
54	11.904	1664	1669	1675	rBV2	657478	983317	3.68%	0.947%
55	11.957	1675	1678	1684	rBV3	159751	299361	1.12%	0.288%
56	12.069	1694	1697	1702	rVB	1670596	1443172	5.41%	1.390%
57	12.492	1758	1769	1770	rBV5	8985897	26687301	100.00%	25.698%
58	12.569	1779	1782	1785	rVB	6078680	5703190	21.37%	5.492%
59	12.604	1785	1788	1789	rBV	1693390	1454893	5.45%	1.401%
60	12.622	1789	1791	1798	rVB	1329520	1412813	5.29%	1.360%
61	12.686	1800	1802	1807	rVB3	253959	328048	1.23%	0.316%
62	12.839	1825	1828	1831	rBV	904243	764187	2.86%	0.736%
63	12.957	1843	1848	1856	rVB	1659015	1586352	5.94%	1.528%
64	13.198	1886	1889	1890	rBV	682985	628510	2.36%	0.605%
65	13.292	1902	1905	1907	rBV	737201	636578	2.39%	0.613%
66	13.316	1907	1909	1914	rVV4	543186	769870	2.88%	0.741%
67	13.357	1914	1916	1921	rVV2	482320	669643	2.51%	0.645%
68	13.398	1921	1923	1927	rVV3	290058	340409	1.28%	0.328%
69	13.445	1929	1931	1935	rVV2	315417	339151	1.27%	0.327%
70	13.504	1938	1941	1945	rVV2	296089	365121	1.37%	0.352%
71	13.539	1945	1947	1953	rVB	483667	447228	1.68%	0.431%
72	13.874	2001	2004	2012	rVB	425991	432017	1.62%	0.416%
73	13.969	2017	2020	2022	rBV	611077	566683	2.12%	0.546%
74	14.010	2022	2027	2029	rBV	1155560	1091548	4.09%	1.051%
75	14.192	2055	2058	2062	rVB	336077	298526	1.12%	0.287%
76	14.498	2107	2110	2116	rBV	298801	427434	1.60%	0.412%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.592	2123	2126	2134	rBV2	299179	338845	1.27%	0.326%
78	14.816	2161	2164	2169	rBV	245658	281900	1.06%	0.271%
79	15.168	2221	2224	2231	rVB2	228791	272258	1.02%	0.262%
80	15.498	2276	2280	2284	rVB	643883	758109	2.84%	0.730%

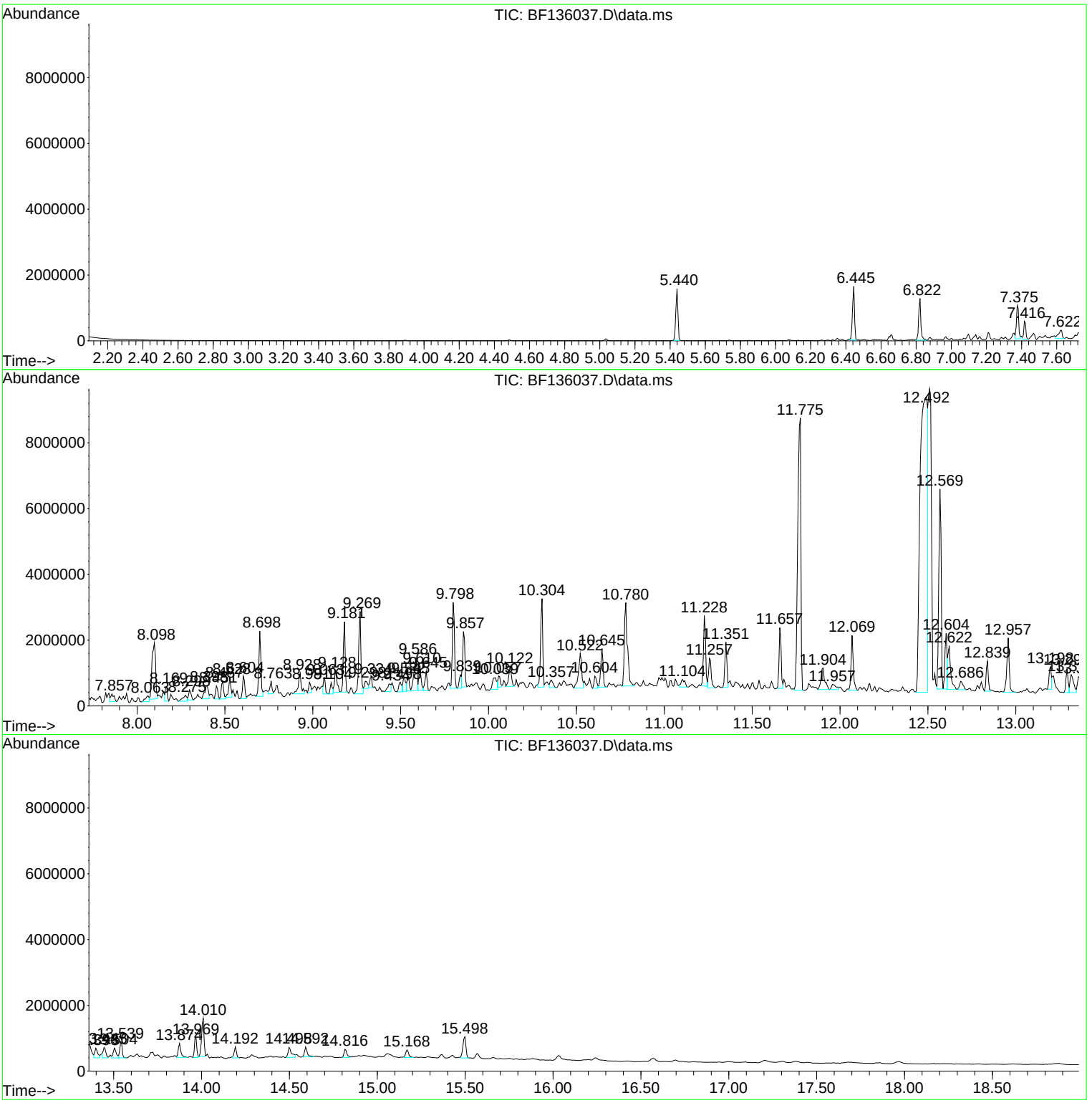
Sum of corrected areas: 103847968

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

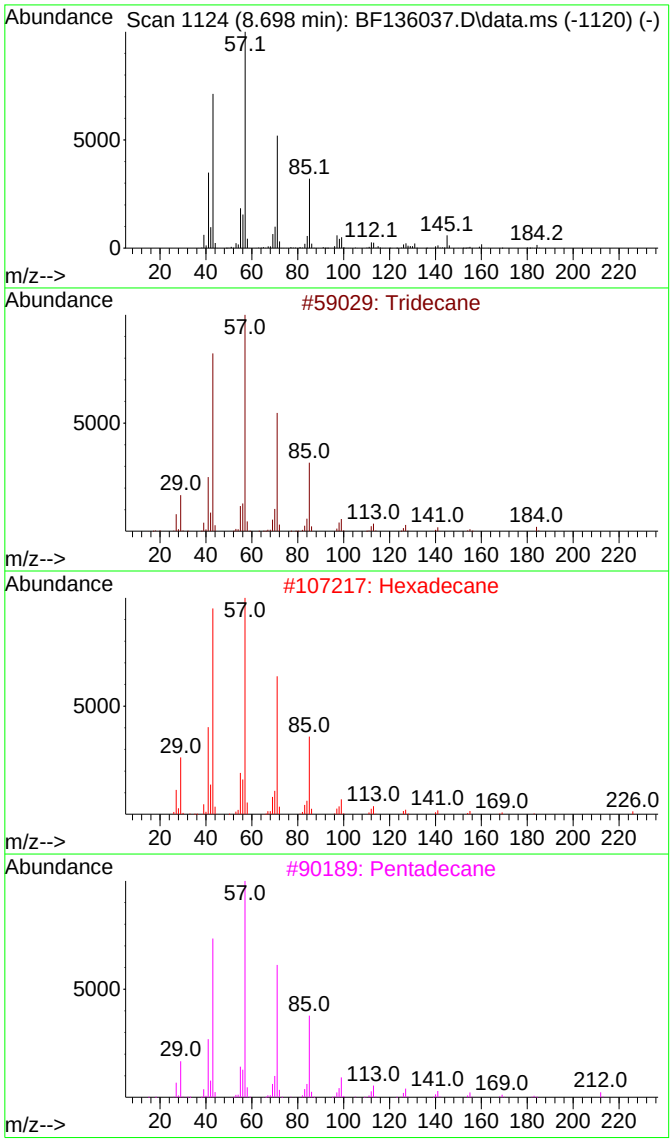
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

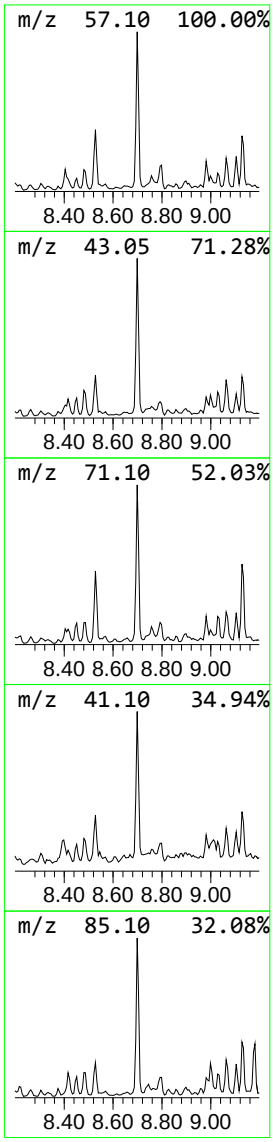
****

Peak Number 1 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	13.42 ng	1620520	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

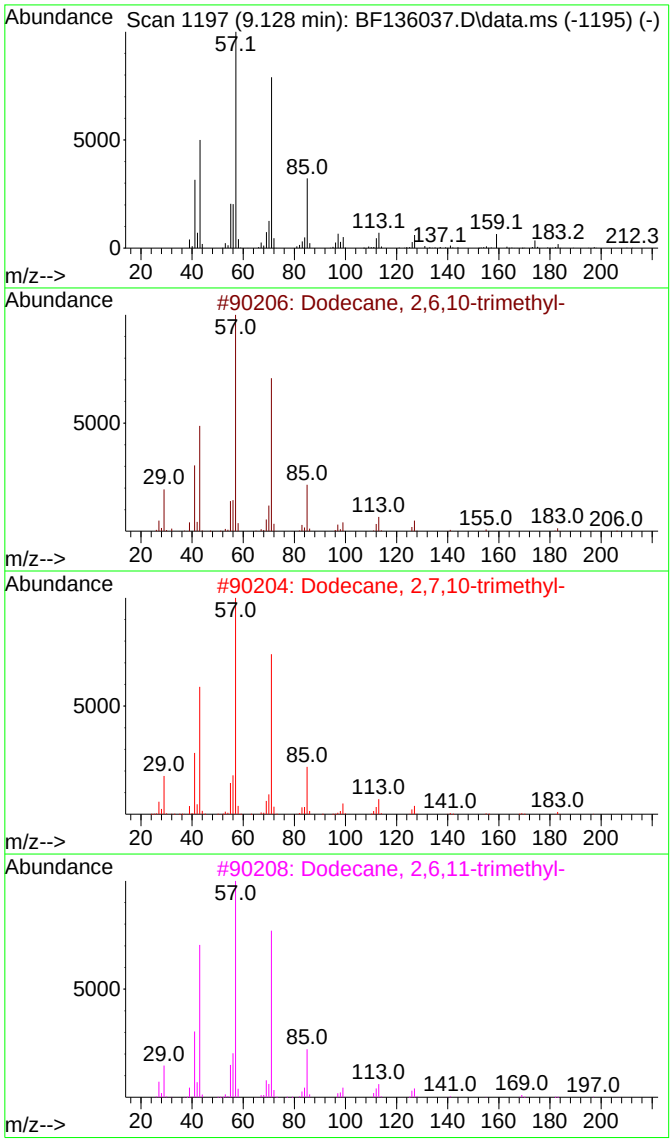
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

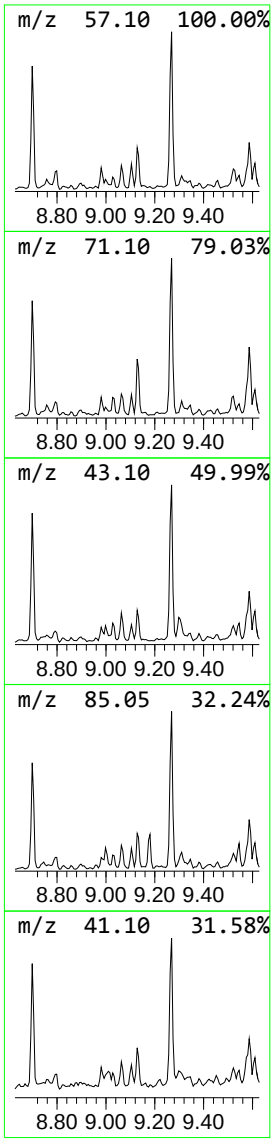
****

Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.128	9.25 ng	669108	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

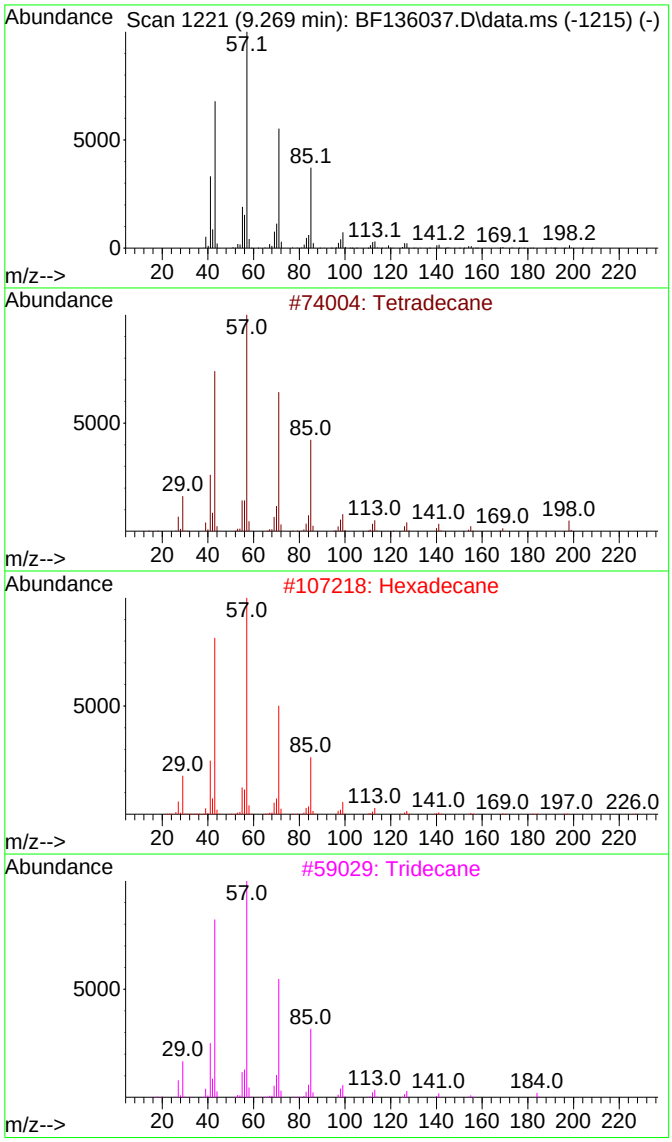
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

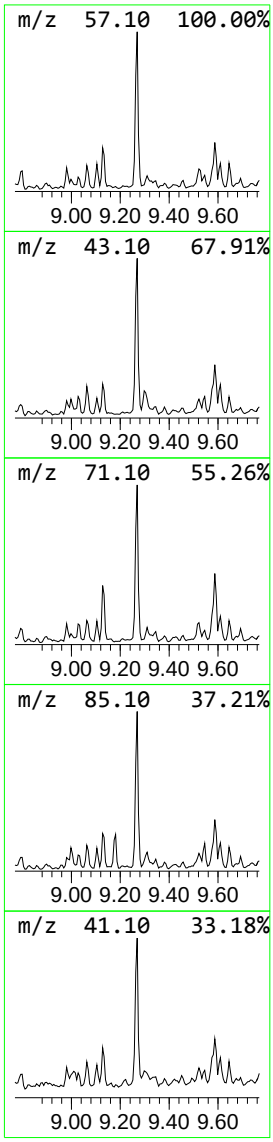
****

Peak Number 3 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	31.67 ng	2290470	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

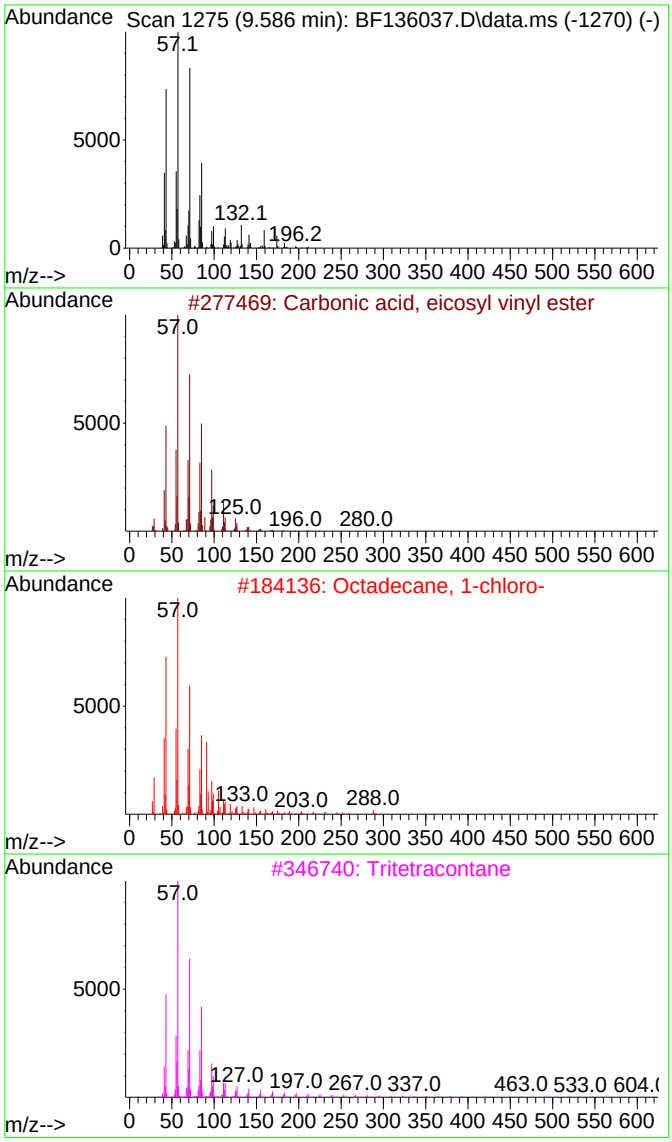
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

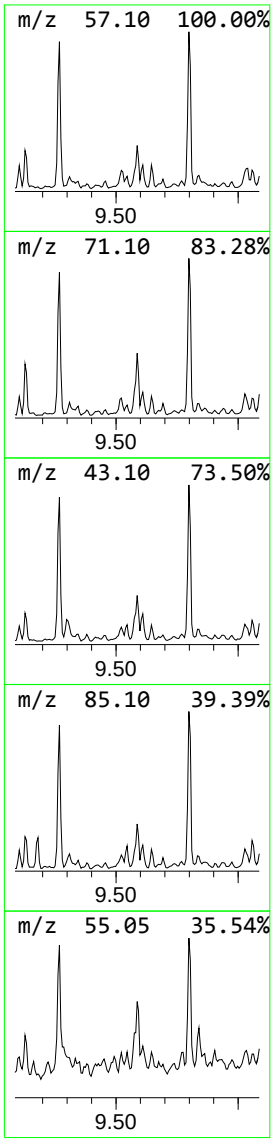
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, eicosyl viny... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	16.91 ng	1223230	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
3	Tritetracontane	605	C43H88	007098-21-7	86
4	Decane, 5-propyl-	184	C13H28	017312-62-8	76
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

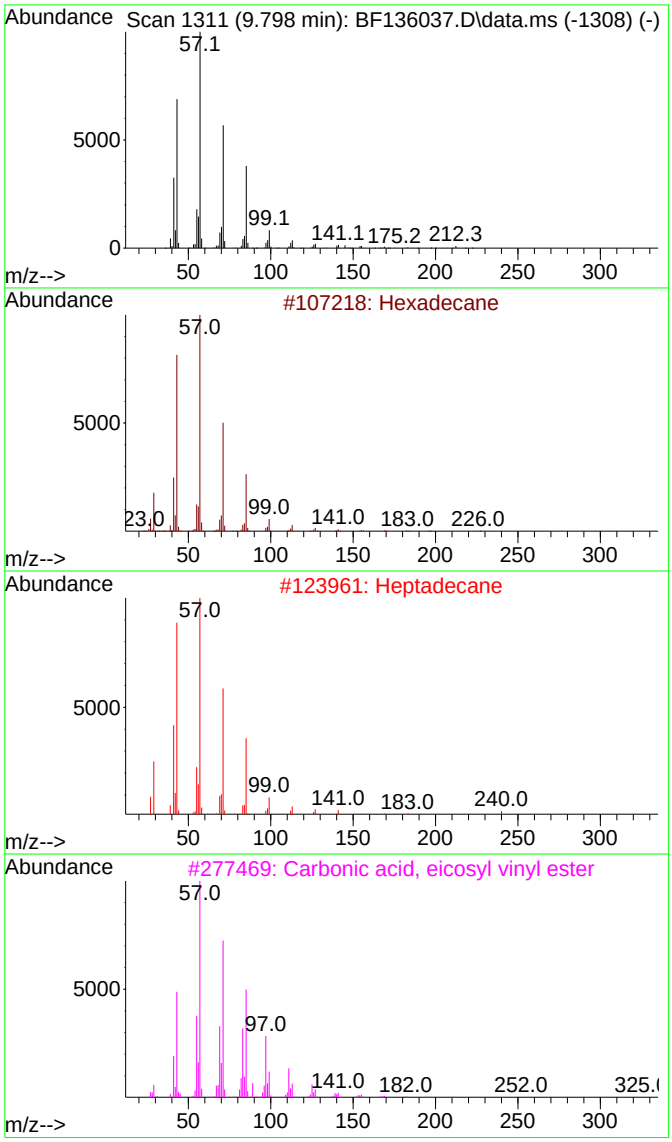
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

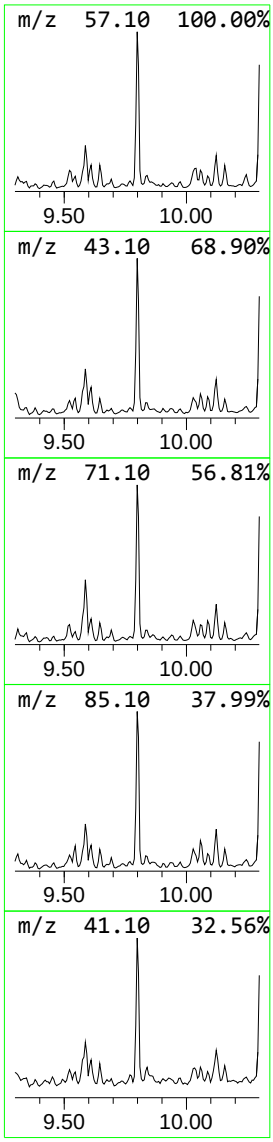
****

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	29.87 ng	2160440	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

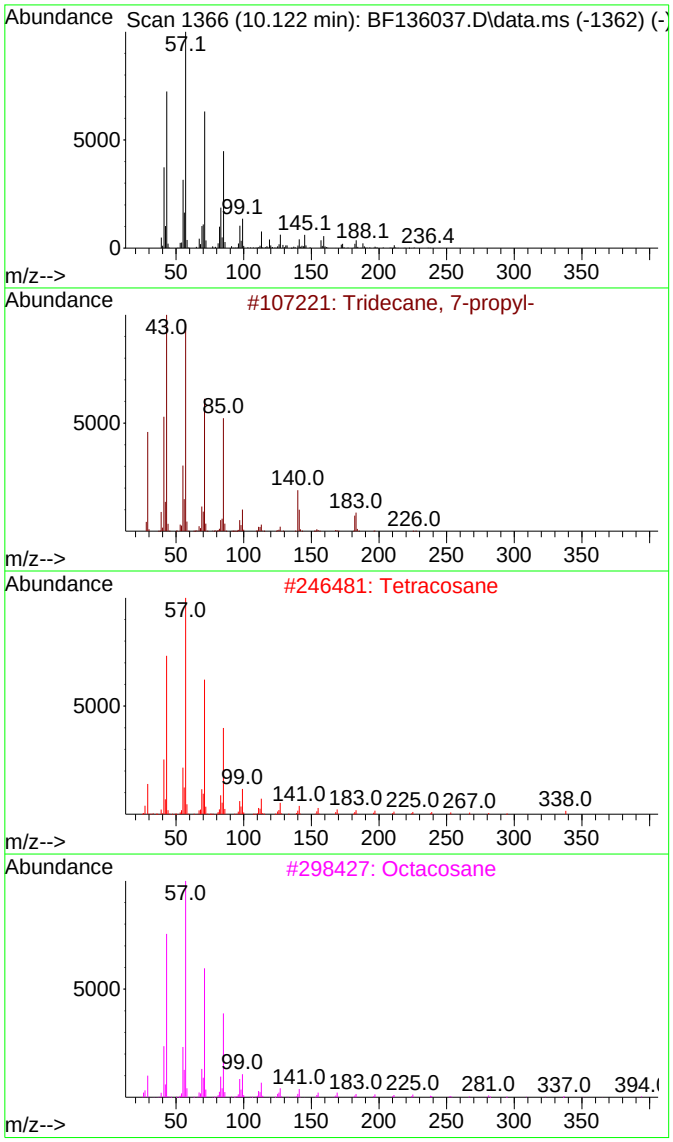
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

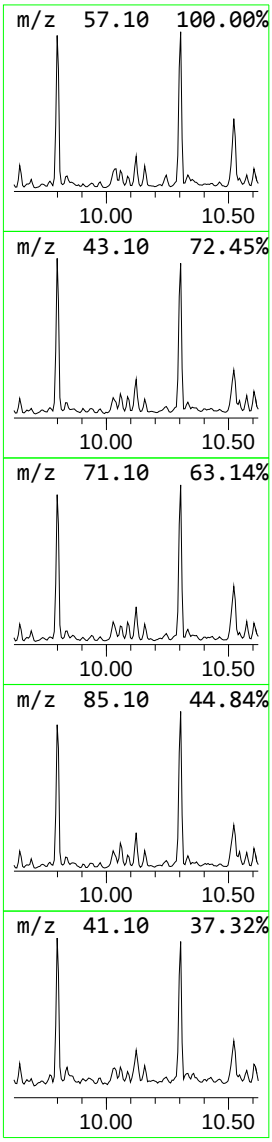
****

Peak Number 6 Tridecane, 7-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	9.00 ng	651224	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2	Tetracosane	338	C24H50	000646-31-1	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	81
5	Hexatriacontane	507	C36H74	000630-06-8	80





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Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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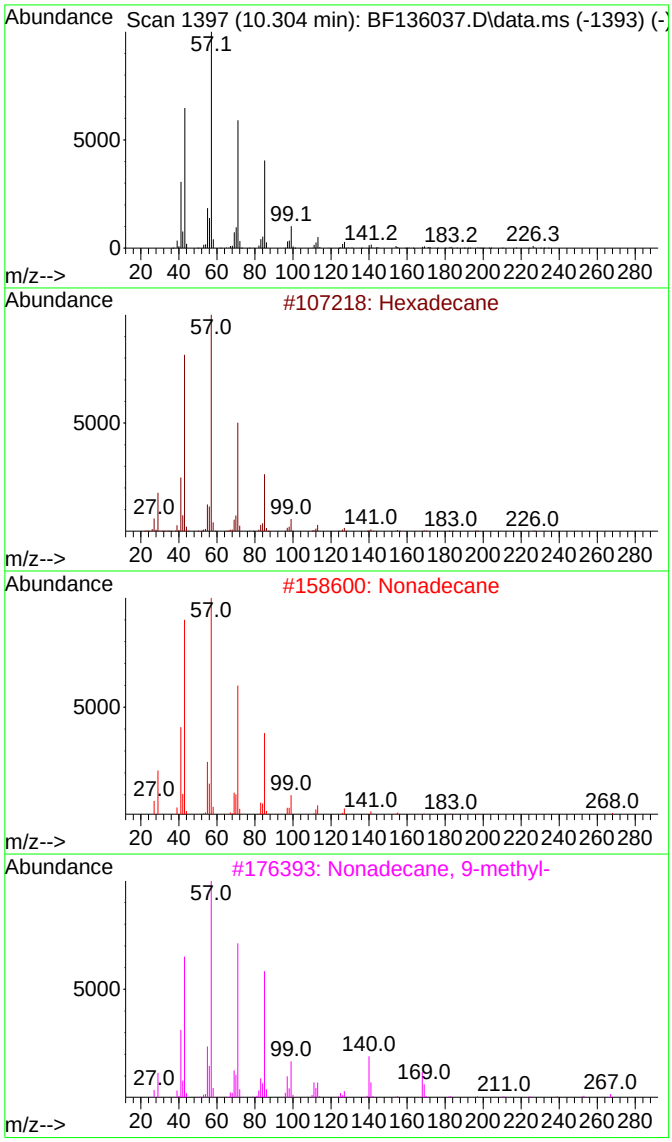
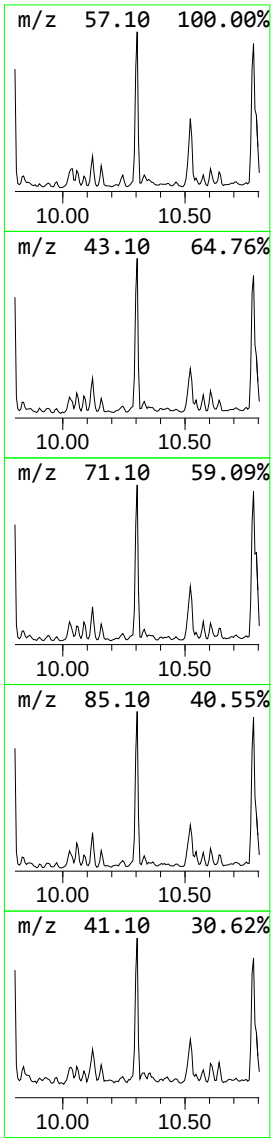
Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	31.33 ng	2265840	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Nonadecane	268	C19H40	000629-92-5	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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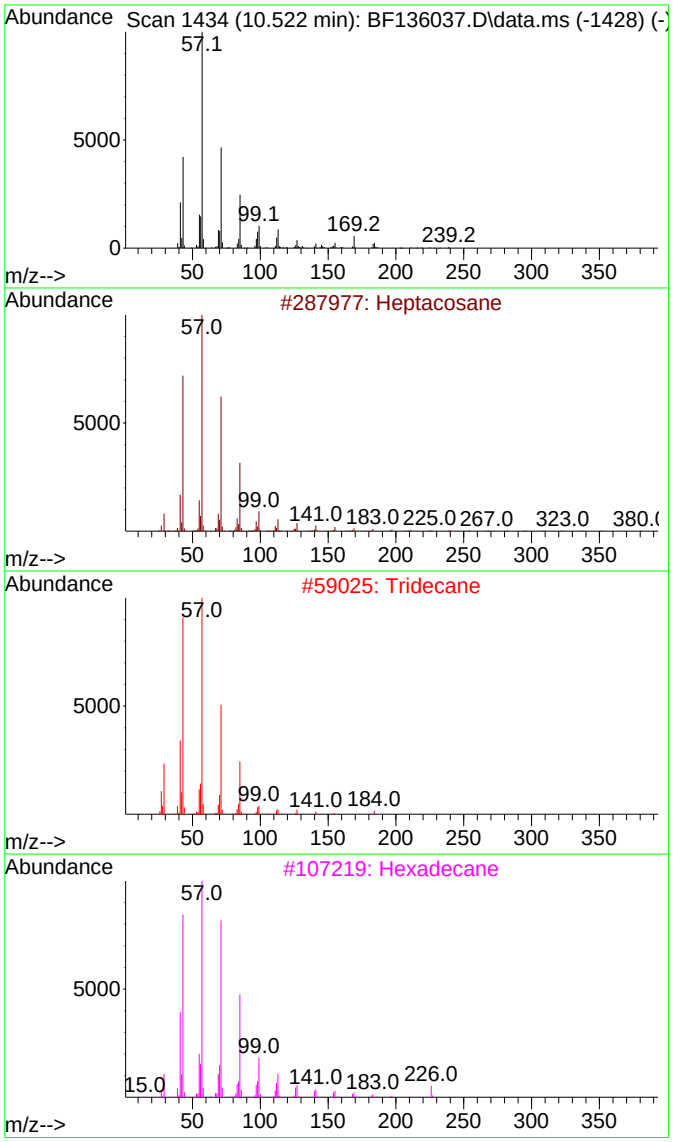
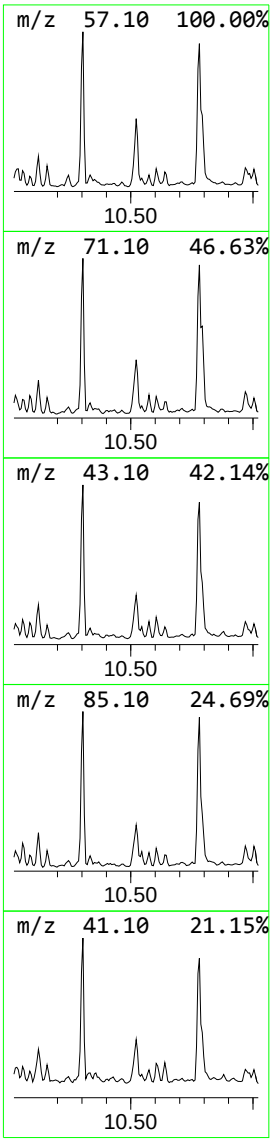
Peak Number 8 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	18.64 ng	1348080	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Tridecane	184	C13H28	000629-50-5	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76





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Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-102523

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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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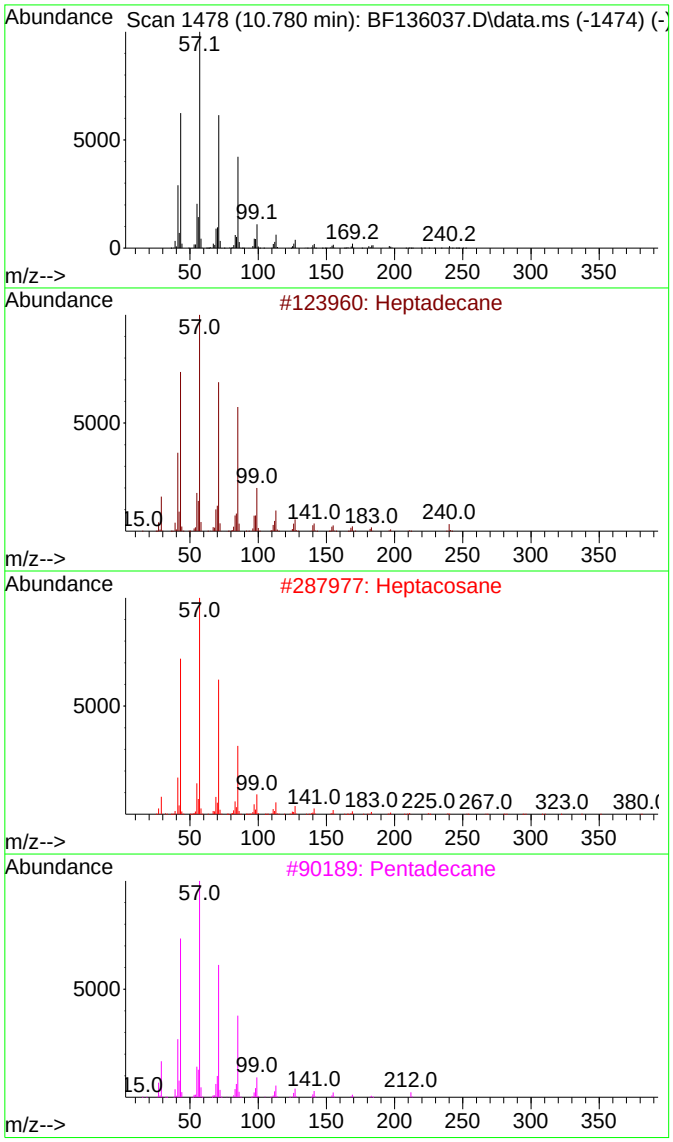
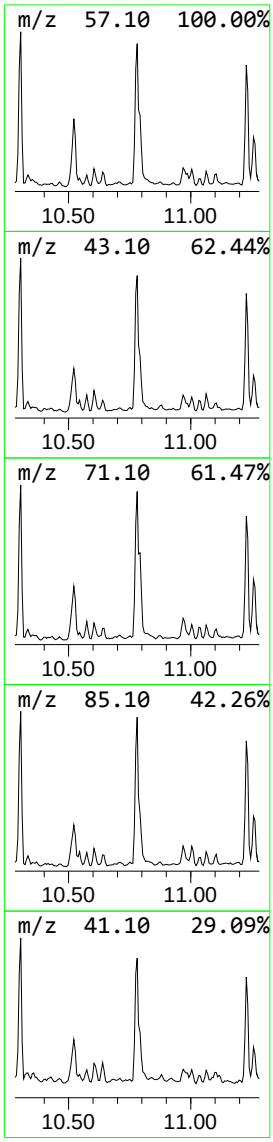
Peak Number 9 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	55.33 ng	3079920	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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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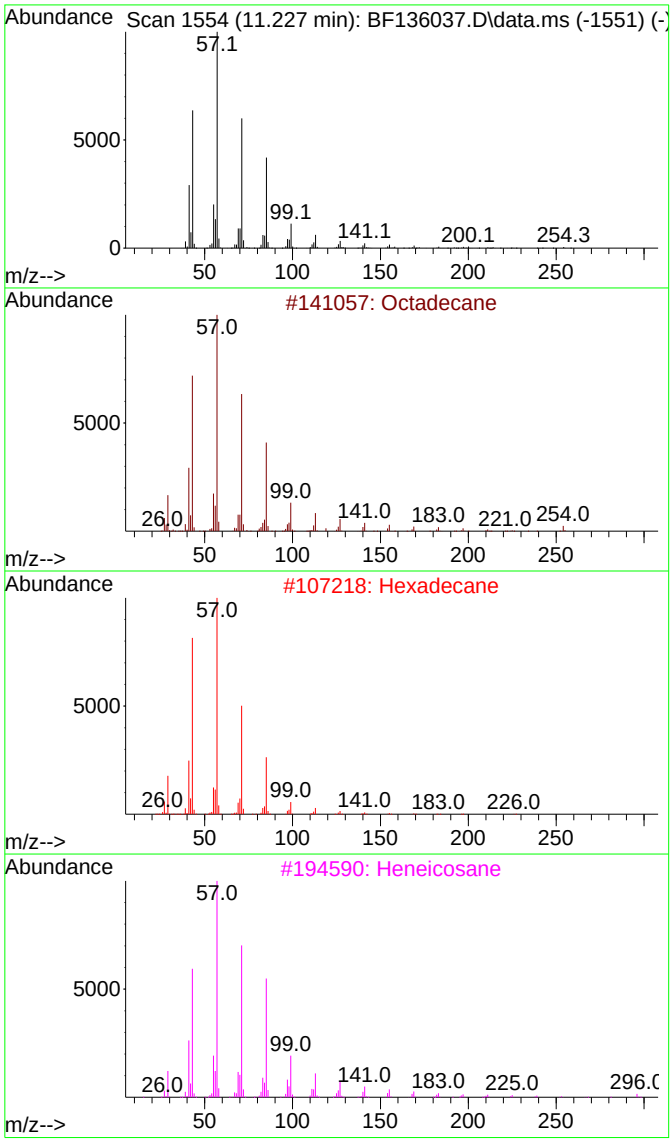
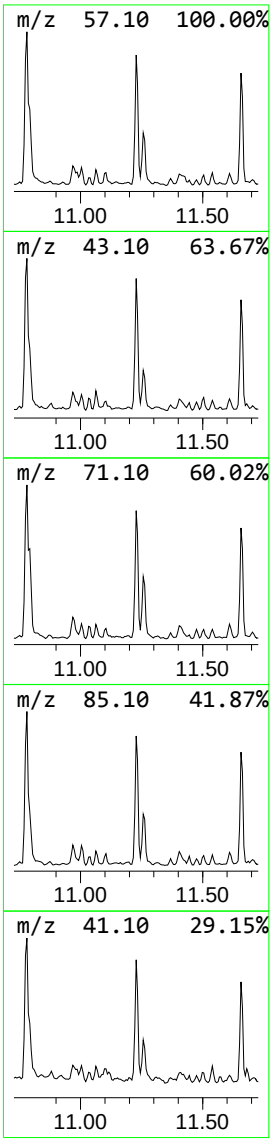
Peak Number 10 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	33.05 ng	1839760	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87





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Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-102523

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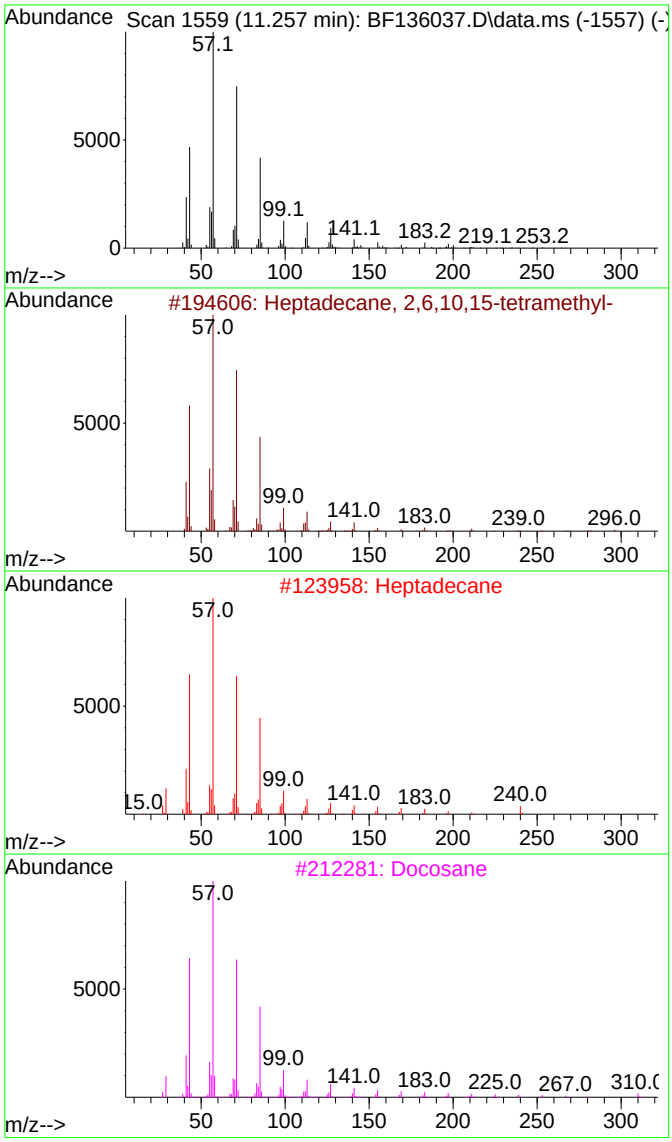
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

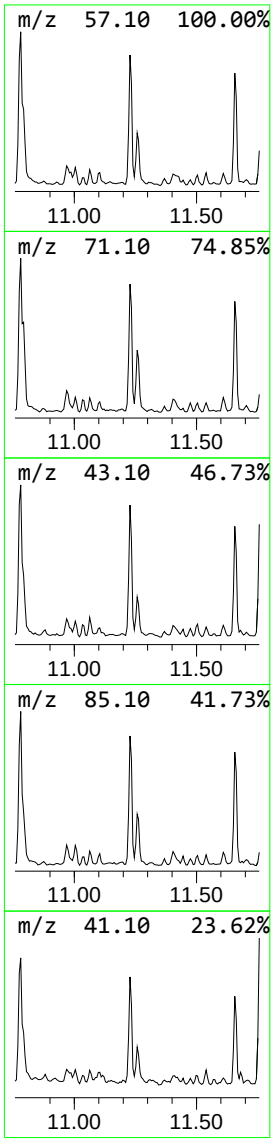
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	16.41 ng	913103	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Docosane	310	C22H46	000629-97-0	90
4	Octacosane	394	C28H58	000630-02-4	86
5	Octadecane	254	C18H38	000593-45-3	78





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Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-102523

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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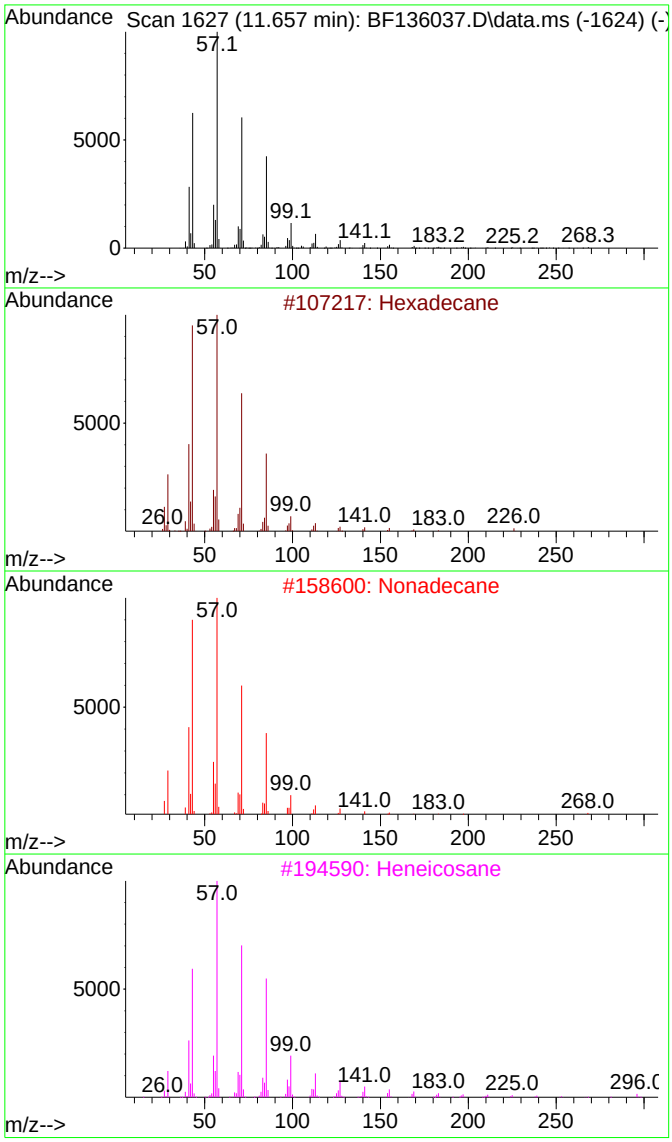
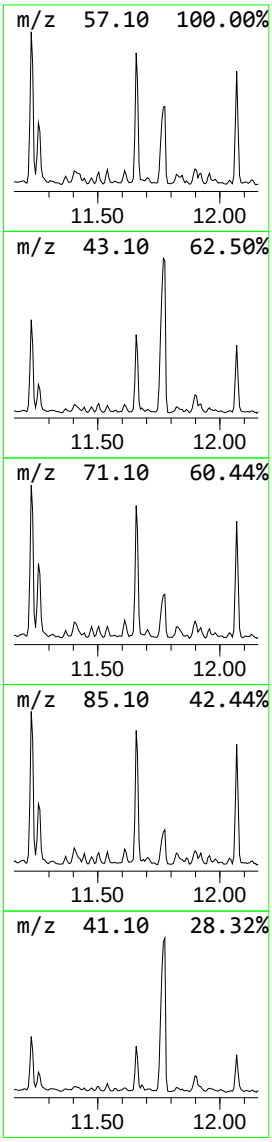
Peak Number 12 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	28.03 ng	1560040	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-102523

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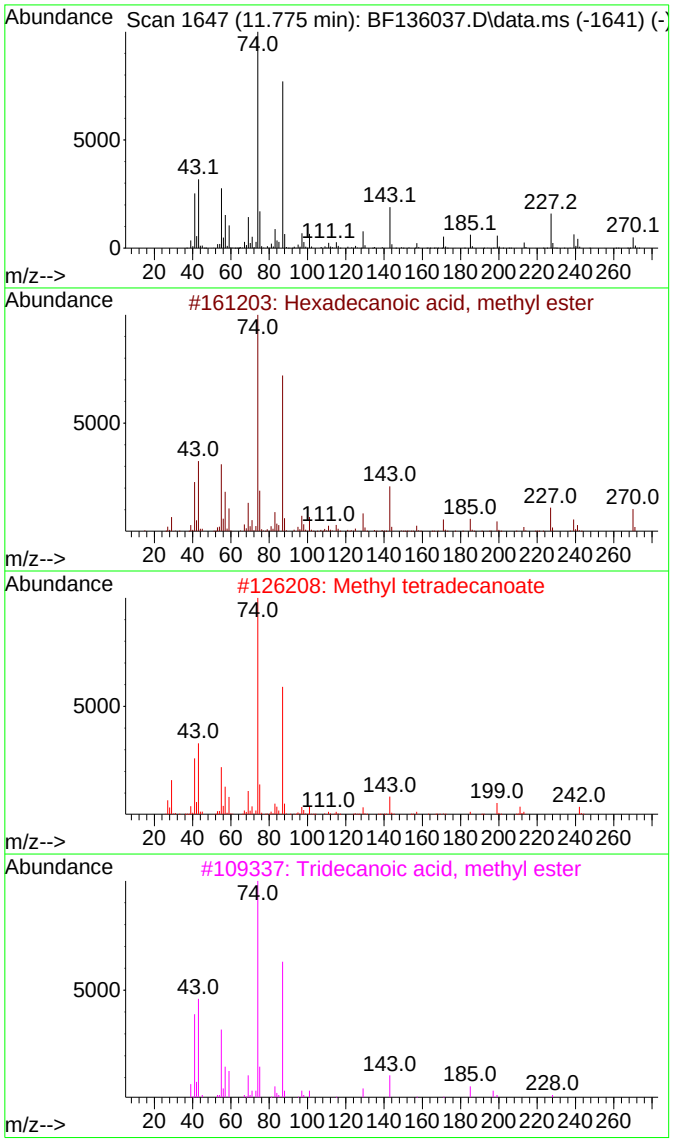
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

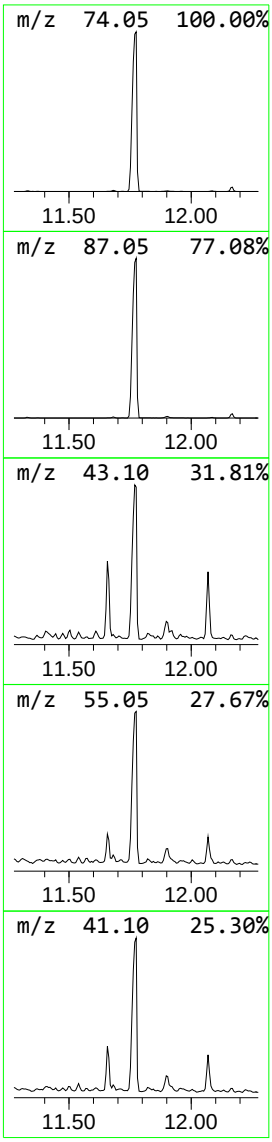
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	183.86 ng	10233800	Phenanthrene-d10	11.351

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	90
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





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Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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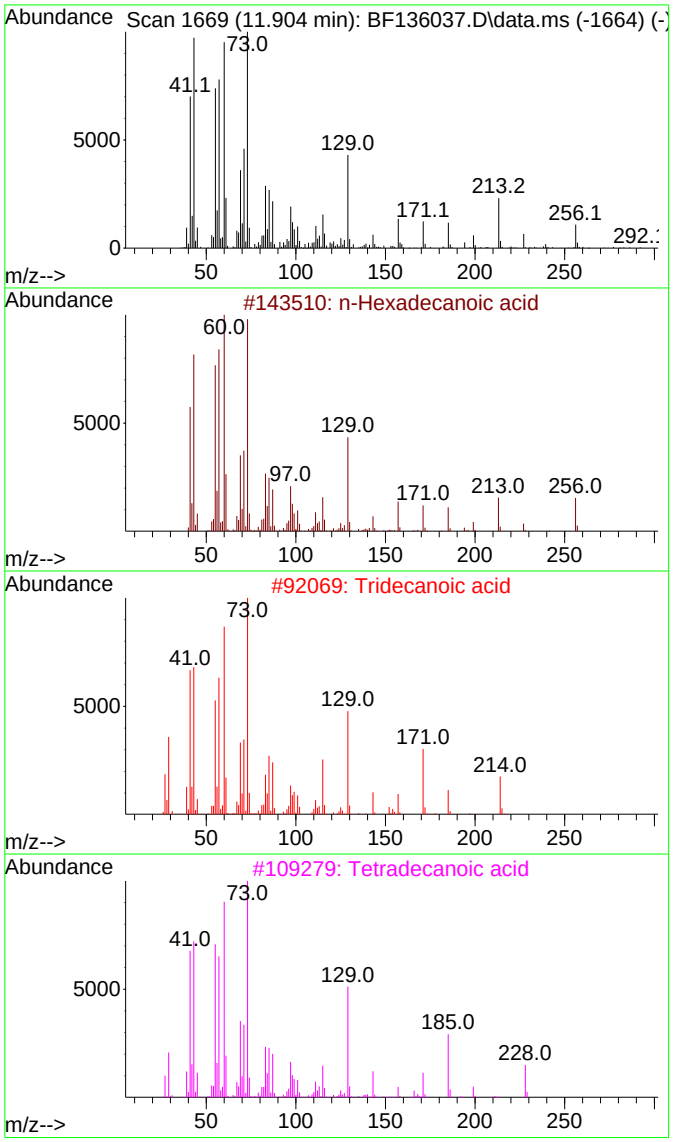
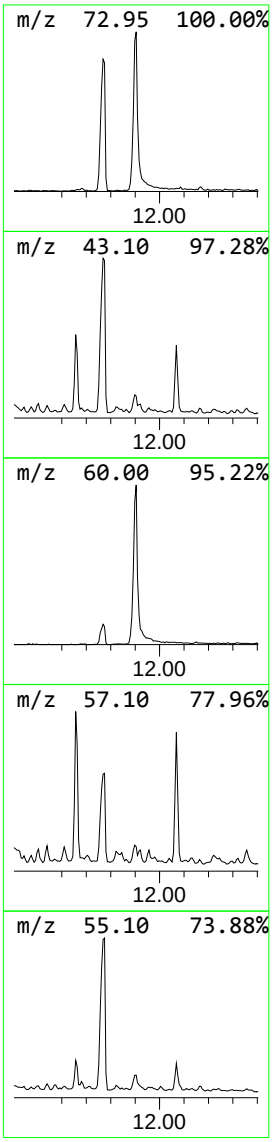
Peak Number 14 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	17.67 ng	983317	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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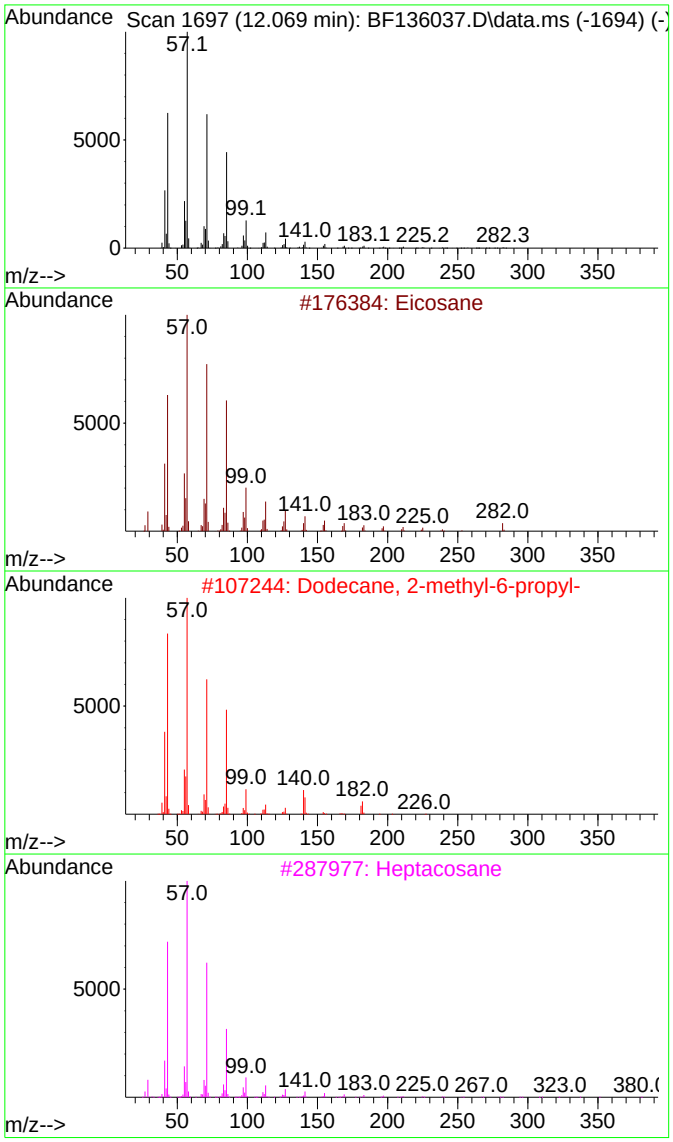
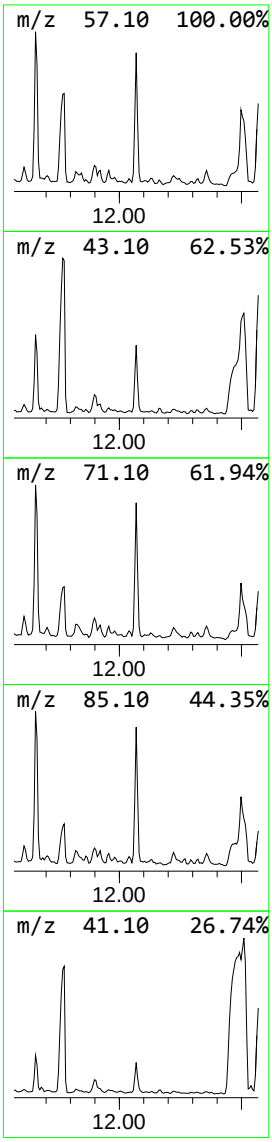
Peak Number 15 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	25.93 ng	1443170	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-102523

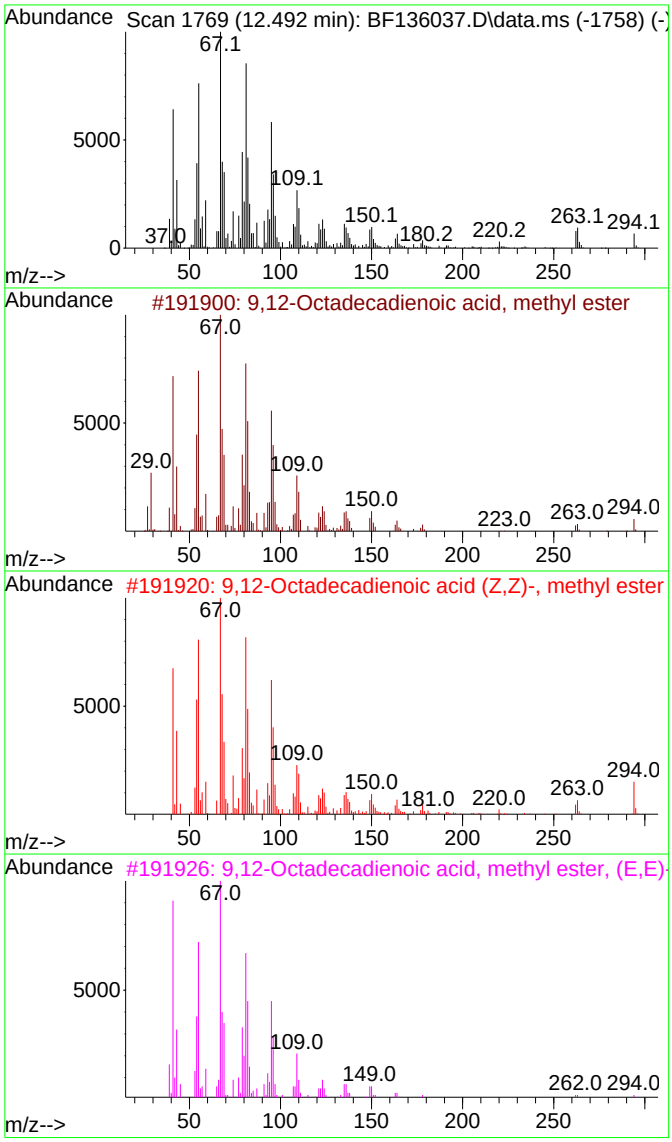
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

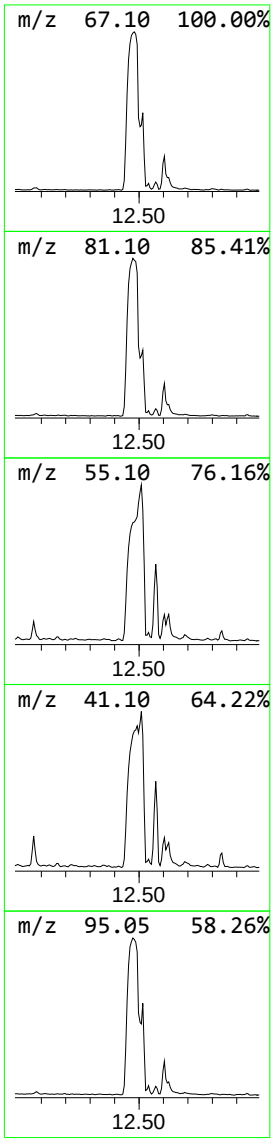
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	479.47 ng	26687300	Phenanthrene-d10	11.351

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	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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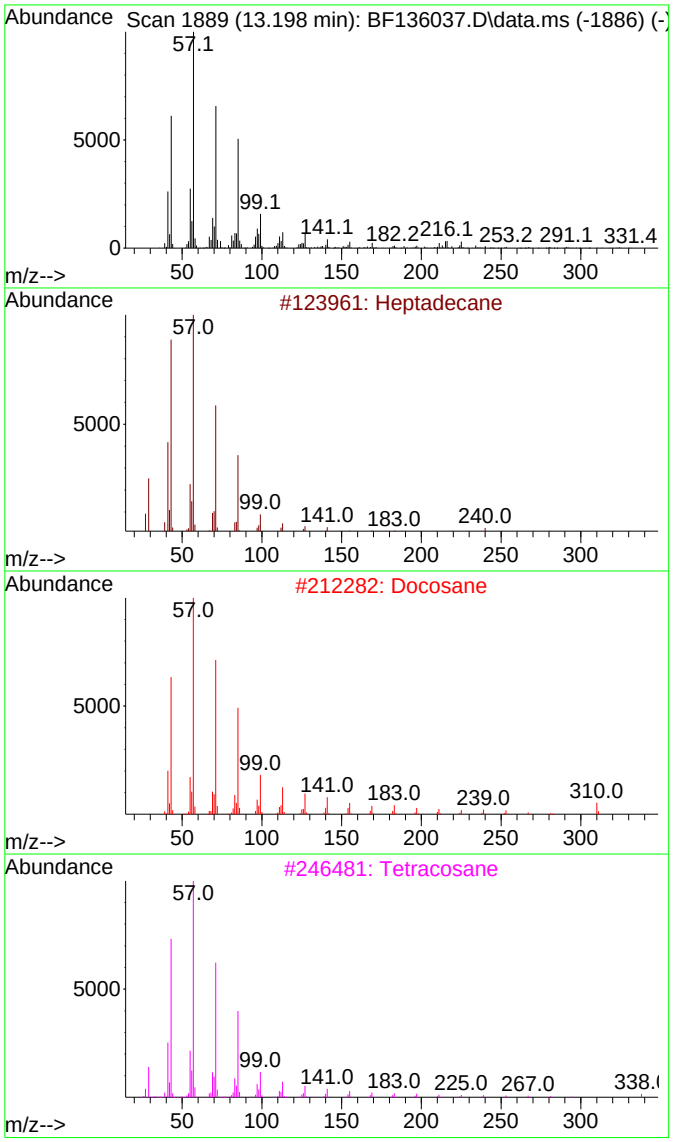
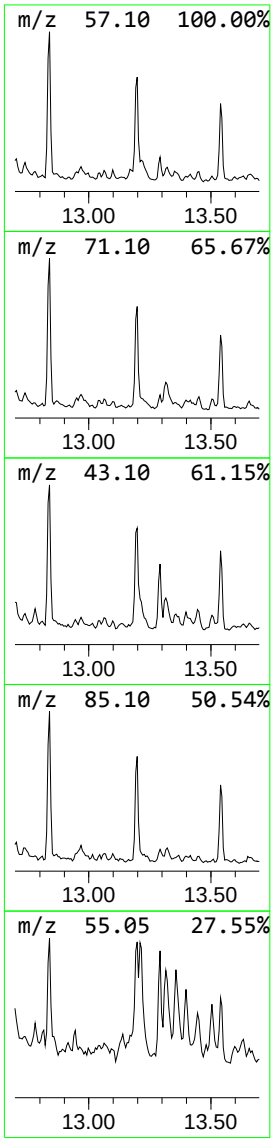
Peak Number 17 Docosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	11.52 ng	628510	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Docosane	310	C22H46	000629-97-0	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90





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Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

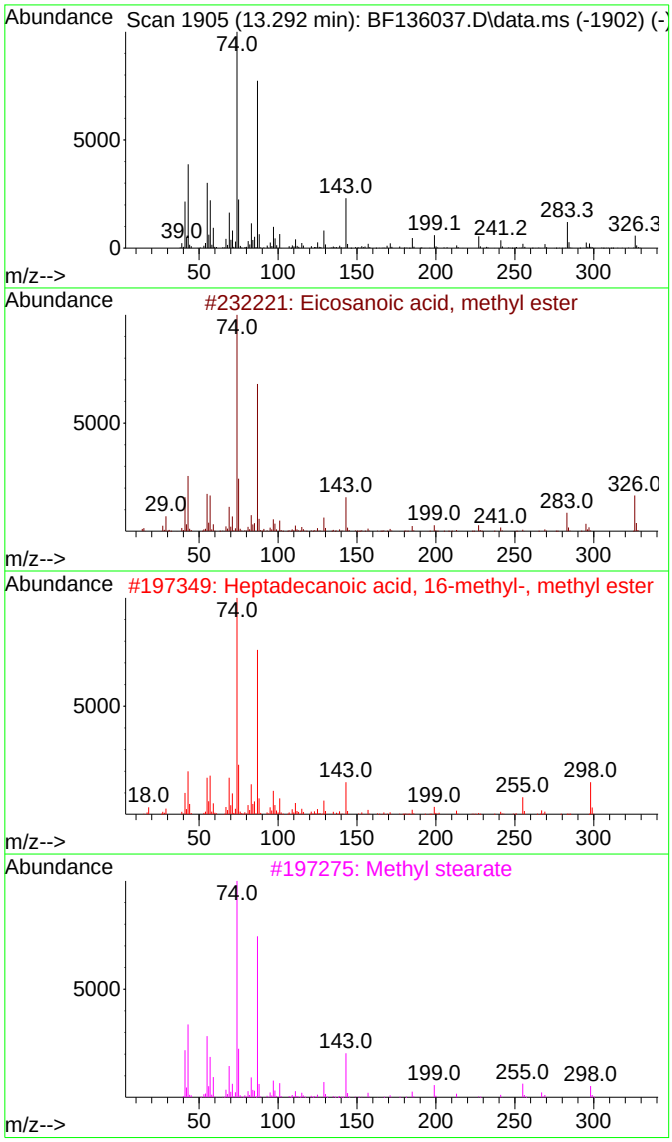
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

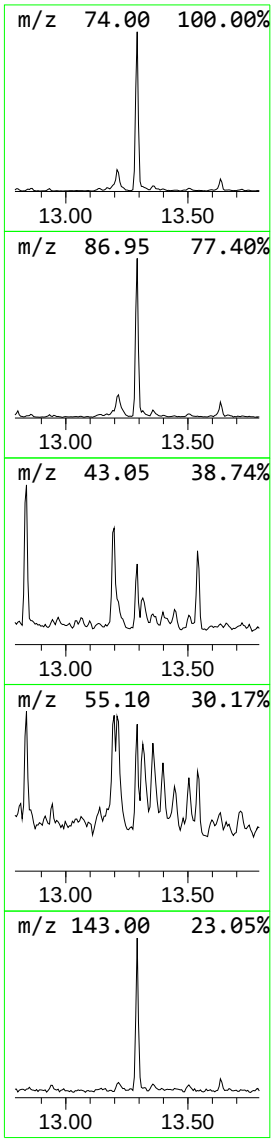
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	11.66 ng	636578	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	95
3	Methyl stearate	298	C19H38O2	000112-61-8	94
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93





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Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

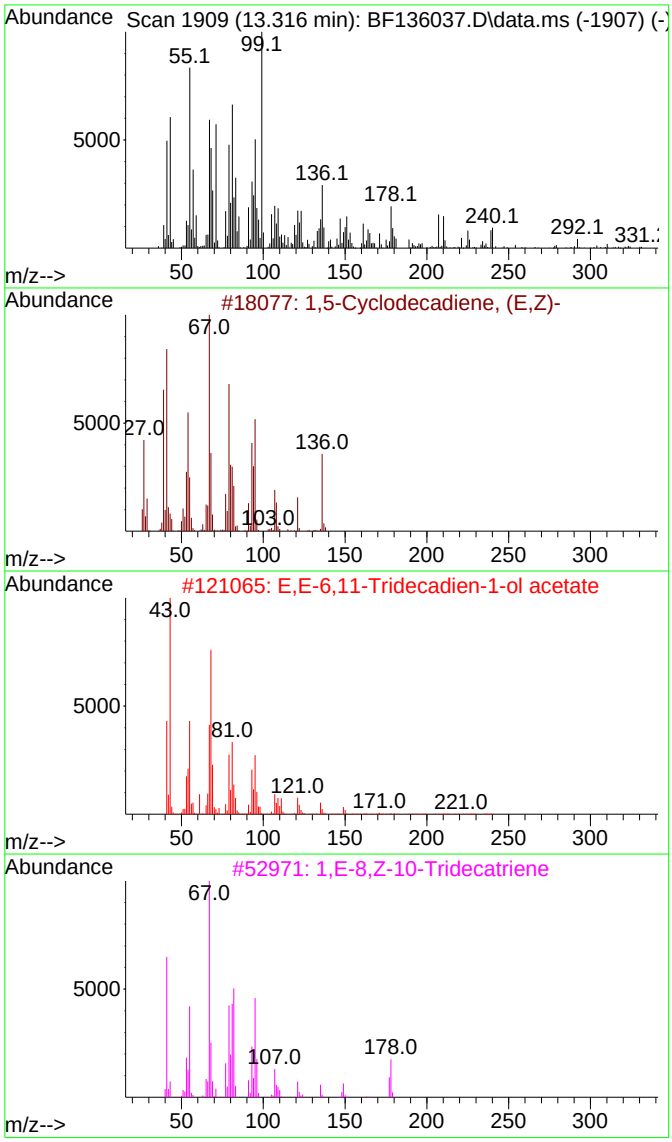
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

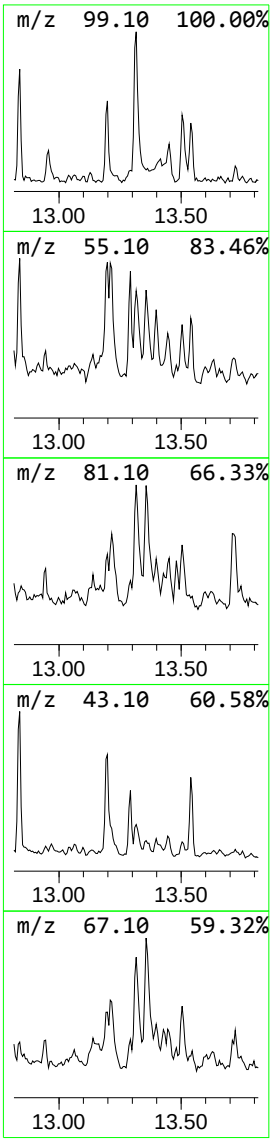
****

Peak Number 19 1,5-Cyclodecadiene, (E,Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	14.11 ng	769870	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	70
2	E,E-6,11-Tridecadien-1-ol acetate	238	C15H26O2	1000130-97-2	64
3	1,E-8,Z-10-Tridecatriene	178	C13H22	080625-30-5	50
4	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	50
5	2-(4-Hydroxybutyl)cyclohexanol	172	C10H20O2	1000185-44-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

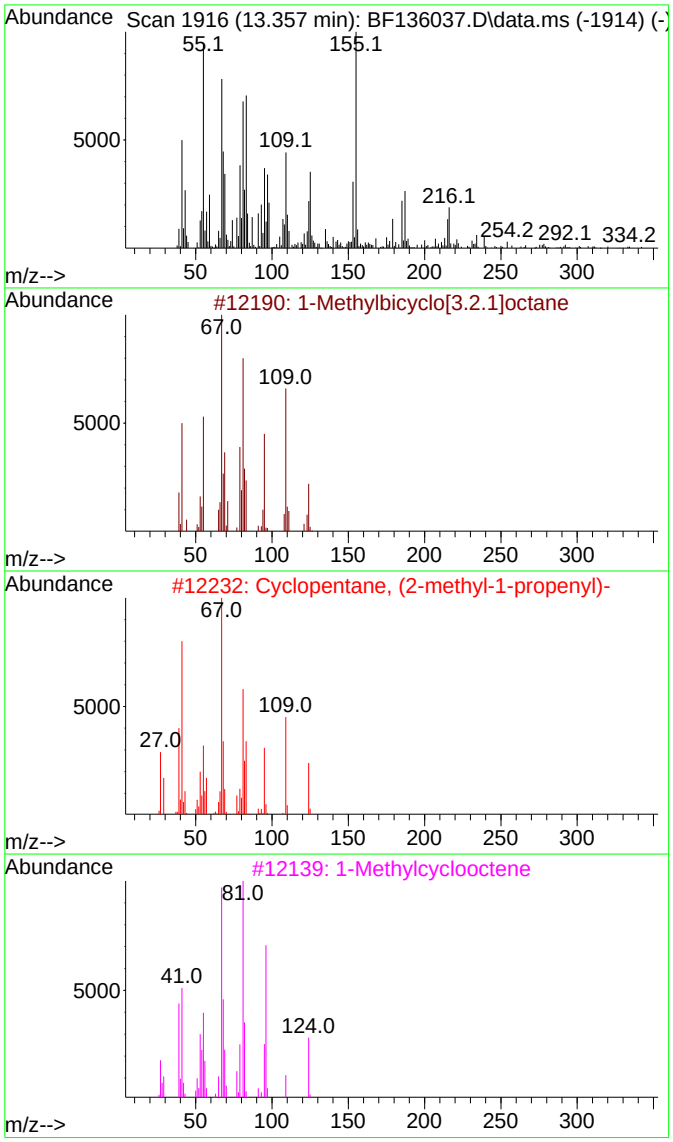
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

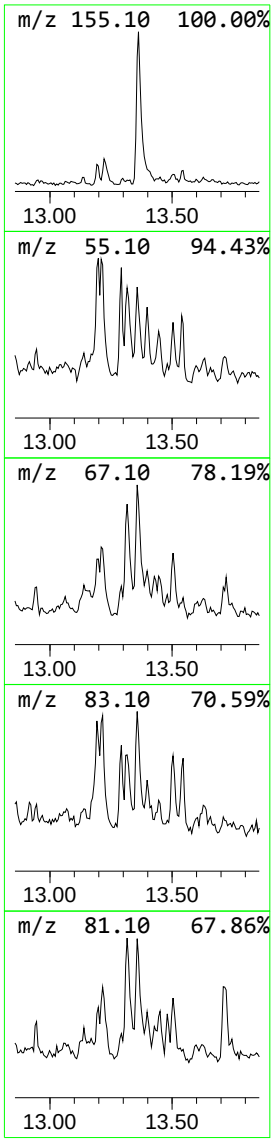
****

Peak Number 20 1-Methylbicyclo[3.2.1]octane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	12.27 ng	669643	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	59
2	Cyclopentane, (2-methyl-1-propen...	124	C9H16	053366-57-7	38
3	1-Methylcyclooctene	124	C9H16	000933-11-9	35
4	Benzene, 2-fluoro-1-methyl-4-nitro-	155	C7H6FNO2	001427-07-2	30
5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136037.D
Acq On : 30 Oct 2023 20:02
Operator : CG\JU
Sample : 05062-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-102523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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
Tridecane	8.698	13.4	ng	1620520	2	8.098	2415470	20.0
Dodecane, 2,6,1...	9.128	9.3	ng	669108	3	9.857	1446600	20.0
Tetradecane	9.269	31.7	ng	2290470	3	9.857	1446600	20.0
Carbonic acid, ...	9.586	16.9	ng	1223230	3	9.857	1446600	20.0
Hexadecane	9.798	29.9	ng	2160440	3	9.857	1446600	20.0
Tridecane, 7-pr...	10.122	9.0	ng	651224	3	9.857	1446600	20.0
Nonadecane	10.304	31.3	ng	2265840	3	9.857	1446600	20.0
Heptacosane	10.522	18.6	ng	1348080	3	9.857	1446600	20.0
Heptadecane	10.781	55.3	ng	3079920	4	11.351	1113190	20.0
Octadecane	11.227	33.0	ng	1839760	4	11.351	1113190	20.0
Heptadecane, 2,...	11.257	16.4	ng	913103	4	11.351	1113190	20.0
Heneicosane	11.657	28.0	ng	1560040	4	11.351	1113190	20.0
Hexadecanoic ac...	11.775	183.9	ng	10233800	4	11.351	1113190	20.0
n-Hexadecanoic ...	11.904	17.7	ng	983317	4	11.351	1113190	20.0
Eicosane	12.069	25.9	ng	1443170	4	11.351	1113190	20.0
9,12-Octadecadi...	12.492	479.5	ng	26687300	4	11.351	1113190	20.0
Docosane	13.198	11.5	ng	628510	5	14.010	1091550	20.0
Eicosanoic acid...	13.292	11.7	ng	636578	5	14.010	1091550	20.0
1,5-Cyclodecadi...	13.316	14.1	ng	769870	5	14.010	1091550	20.0
1-Methylbicyclo...	13.357	12.3	ng	669643	5	14.010	1091550	20.0