LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141730.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	281	288	298	rBV	16860	30740	1.37%	0.076%
2	5.398	557	562	582	rVB	715817	1055236	47.15%	2.614%
3	5.681	606	610	618	rVB	16151	22924	1.02%	0.057%
4	6.022	663	668	674	rBV3	17552	29036	1.30%	0.072%
5	6.304	713	716	720	rBV	36752	45455	2.03%	0.113%
6	6.369	723	727	731	rBV3	16345	25775	1.15%	0.064%
7	6.416	731	735	748	rBV	719779	1082905	48.38%	2.682%
8	6.610	763	768	775	rVB2	139808	209303	9.35%	0.518%
9	6.734	781	789	791	rBV3	17389	37043	1.65%	0.092%
10	6.781	791	797	803	rVV	428571	597694	26.70%	1.481%
11	6.834	803	806	810	rVB2	35803	44623	1.99%	0.111%
12	6.922	818	821	825	rBV3	39371	51835	2.32%	0.128%
13	7.051	832	843	846	rBV2	102387	195223	8.72%	0.484%
14	7.098	846	851	858	rVB2	72023	173300	7.74%	0.429%
15	7.169	858	863	867	rBV2	116497	161716	7.23%	0.401%
16	7.245	872	876	878	rBV	45145	63402	2.83%	0.157%
17	7.310	883	887	889	rBV	105375	148673	6.64%	0.368%
18	7.339	889	892	895	rVV	492696	633706	28.31%	1.570%
19	7.375	895	898	902	rVB	341928	405326	18.11%	1.004%
20	7.422	902	906	910	rVB4	83131	120135	5.37%	0.298%
21	7.463	910	913	915	rBV3	44110	58952	2.63%	0.146%
22	7.492	915	918	922	rVB4	39318	49508	2.21%	0.123%
23	7.581	922	933	942	rVB3	183055	460881	20.59%	1.142%
24	7.698	943	953	957	rBV8	121348	436152	19.49%	1.080%
25	7.739	957	960	964	rVB3	121767	155815	6.96%	0.386%
26	7.804	964	971	977	rBV7	184783	506955	22.65%	1.256%
27	7.857	977	980	982	rVV	50739	63320	2.83%	0.157%
28	7.898	985	987	990	rVB	105801	103847	4.64%	0.257%
29	7.928	990	992	995	rVB	55420	54500	2.43%	0.135%
30	7.963	995	998	1001	rVB	61256	62766	2.80%	0.155%
31	8.045	1001	1012	1020	rBV3	905454	2238258	100.00%	5.544%
32	8.116	1021	1024	1028	rVB2	224816	304486	13.60%	0.754%
33	8.151	1028	1030	1037	rVB5	109934	165040	7.37%	0.409%
34	8.233	1037	1044	1045	rBV3	97442	177388	7.93%	0.439%
35	8.257	1045	1048	1052	rVB2	160915	191214	8.54%	0.474%
36	8.304	1052	1056	1059	rBV4	68266	112761	5.04%	0.279%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.351	1059	1064	1070	rBV6	234276	421584	18.84%	1.044%
38	8.404	1070	1073	1076	rBV2	117355	141970	6.34%	0.352%
39	8.439	1076	1079	1082	rVV3	205393	250962	11.21%	0.622%
40	8.480	1082	1086	1092	rVV	261930	386963	17.29%	0.959%
41	8.563	1096	1100	1104	rBV2	381008	492985	22.03%	1.221%
42	8.651	1111	1115	1119	rBV	1033846	1292098	57.73%	3.201%
43	8.716	1124	1126	1129	rVV	97919	121800	5.44%	0.302%
44	8.810	1139	1142	1144	rBV2	68634	83379	3.73%	0.207%
45	8.880	1150	1154	1159	rBV4	358358	502787	22.46%	1.245%
46	8.933	1160	1163	1166	rBV3	90070	122396	5.47%	0.303%
47	9.010	1173	1176	1181	rVB2	243353	375238	16.76%	0.929%
48	9.057	1181	1184	1185	rBV	122706	143054	6.39%	0.354%
49	9.080	1185	1188	1193	rVV3	297459	434796	19.43%	1.077%
50	9.133	1193	1197	1201	rVB	850736	1007304	45.00%	2.495%
51	9.216	1206	1211	1216	rBV	1284314	1743179	77.88%	4.318%
52	9.286	1220	1223	1229	rVB	220306	289186	12.92%	0.716%
53	9.469	1247	1254	1256	rBV4	268582	547134	24.44%	1.355%
54	9.533	1260	1265	1268	rVV4	524294	953654	42.61%	2.362%
55	9.592	1272	1275	1279	rVB	276493	329014	14.70%	0.815%
56	9.680	1286	1290	1293	rBV4	108036	172762	7.72%	0.428%
57	9.745	1297	1301	1305	rVV	1328304	1658893	74.12%	4.109%
58	9.810	1305	1312	1316	rVV3	501500	833490	37.24%	2.065%
59	9.916	1327	1330	1335	rVB2	114104	140208	6.26%	0.347%
60	9.980	1336	1341	1342	rBV	204608	307934	13.76%	0.763%
61	10.063	1352	1355	1359	rBV4	262943	337109	15.06%	0.835%
62	10.133	1364	1367	1373	rBV7	88617	181680	8.12%	0.450%
63	10.245	1381	1386	1390	rBV	1272404	1622745	72.50%	4.020%
64	10.463	1418	1423	1428	rBV	435934	700384	31.29%	1.735%
65	10.516	1429	1432	1435	rBV2	125856	172346	7.70%	0.427%
66	10.604	1440	1447	1451	rVV2	325643	537661	24.02%	1.332%
67	10.716	1462	1466	1475	rVB	1325253	2028884	90.65%	5.026%
68	10.910	1495	1499	1501	rBV	142582	222959	9.96%	0.552%
69	11.163	1538	1542	1545	rBV	1014598	1328321	59.35%	3.290%
70	11.192	1545	1547	1553	rVB	442685	554214	24.76%	1.373%
71	11.298	1561	1565	1567	rBV	464045	604007	26.99%	1.496%
72	11.469	1592	1594	1598	rVB	93316	103671	4.63%	0.257%
73	11.539	1603	1606	1610	rVB2	100700	125836	5.62%	0.312%
74	11.586	1610	1614	1619	rBV	832337	1060521	47.38%	2.627%
75	11.751	1639	1642	1647	rBV	89950	158764	7.09%	0.393%
76	11.827	1652	1655	1661	rVB3	112863	190354	8.50%	0.472%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.992	1679	1683	1688	rBV	680547	855570	38.22%	2.119%
78	12.274	1728	1731	1739	rVB	109331	165477	7.39%	0.410%
79	12.345	1740	1743	1746	rVV3	64079	85127	3.80%	0.211%
80	12.380	1746	1749	1754	rVB	539767	677905	30.29%	1.679%
81	12.510	1767	1771	1777	rBV	471441	598873	26.76%	1.483%
82	12.745	1804	1811	1817	rBV2	532625	1077731	48.15%	2.670%
83	12.880	1829	1834	1842	rVB	776405	1072228	47.90%	2.656%
84	13.110	1869	1873	1880	rBV2	234429	371711	16.61%	0.921%
85	13.363	1913	1916	1923	rVB2	68862	98921	4.42%	0.245%
86	13.451	1927	1931	1935	rBV	147755	193755	8.66%	0.480%
87	13.780	1984	1987	1992	rVB2	94422	121068	5.41%	0.300%
88	13.933	2007	2013	2016	rBV2	527981	871721	38.95%	2.159%
89	14.092	2037	2040	2045	rVB2	74606	97572	4.36%	0.242%
90	14.962	2184	2188	2195	rBV	167663	329455	14.72%	0.816%
91	15.257	2235	2238	2243	rVB	84097	116423	5.20%	0.288%
92	15.315	2244	2248	2253	rVV	138614	204378	9.13%	0.506%
93	15.380	2254	2259	2271	rVB2	240809	474022	21.18%	1.174%

Sum of corrected areas: 40370056

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
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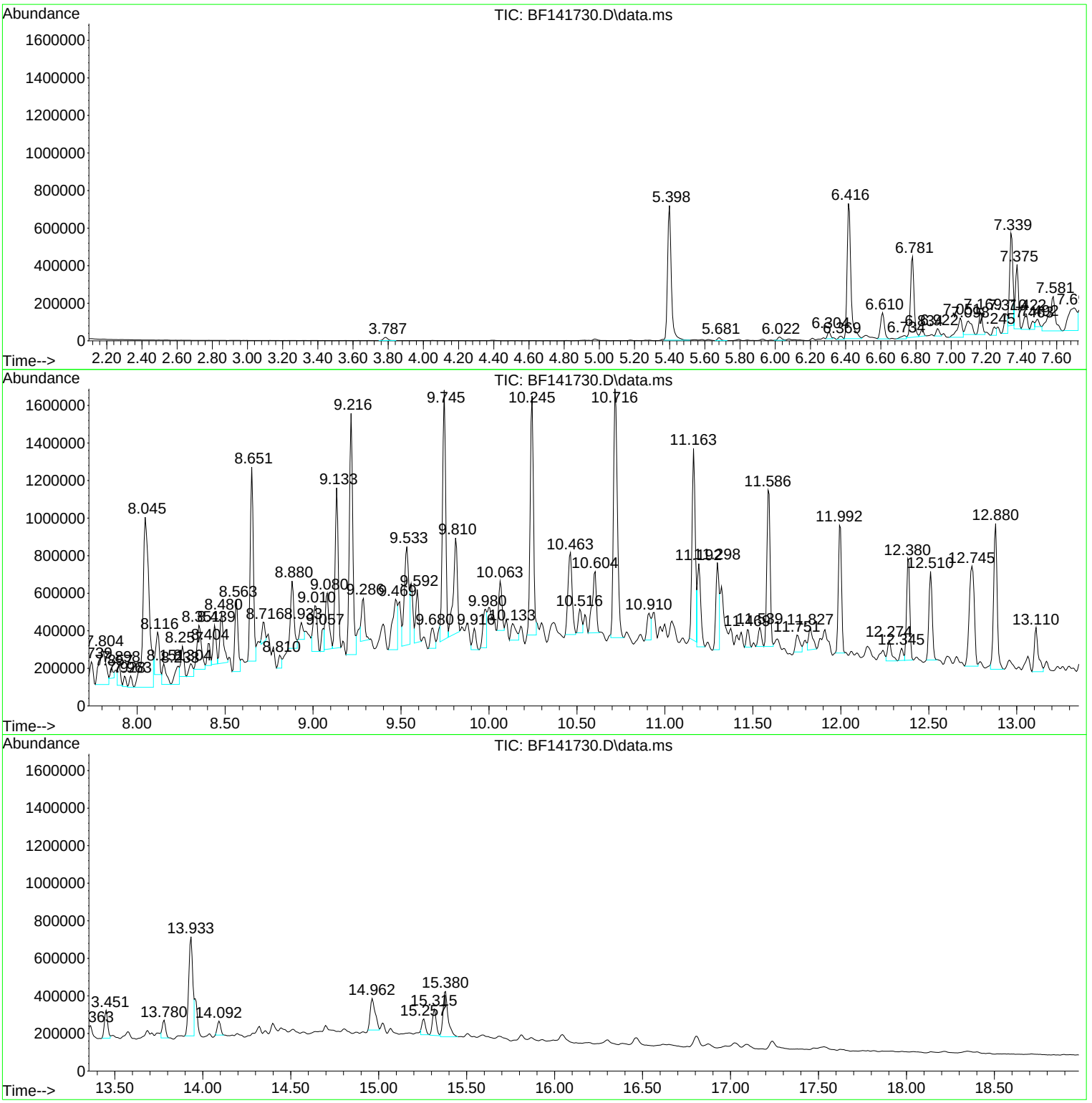
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

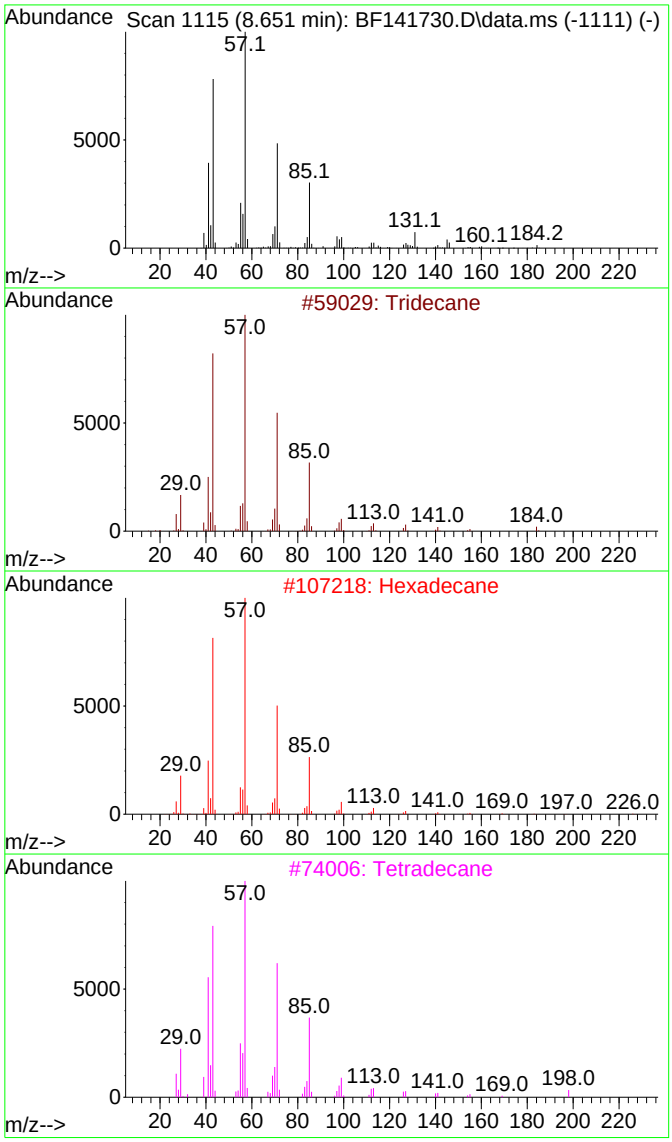
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

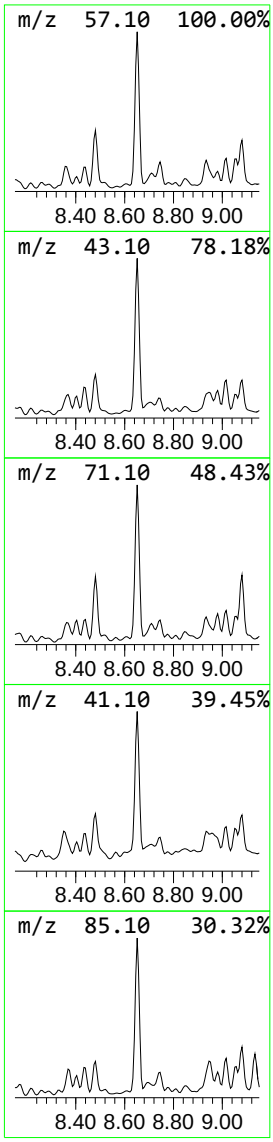
****

Peak Number 1 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	11.55 ng	1292100	Naphthalene-d8	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Dodecane	170	C12H26	000112-40-3	80
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

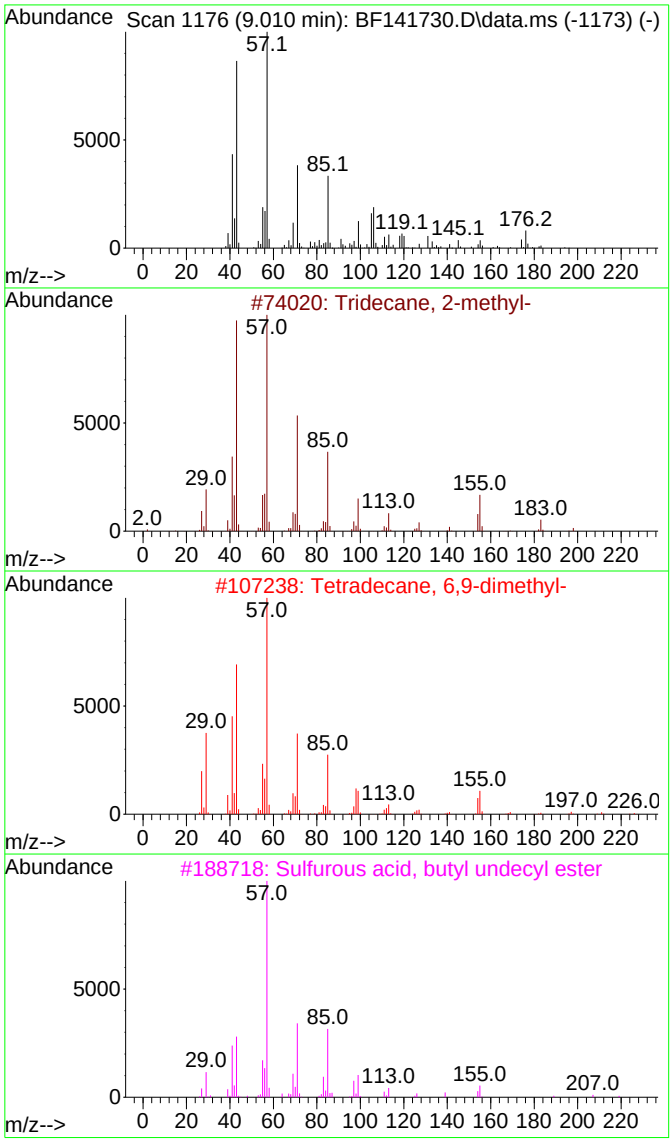
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

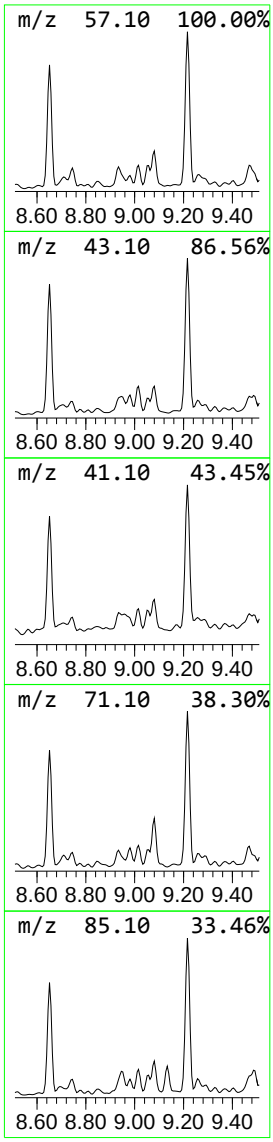
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Tridecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	9.00 ng	375238	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
2	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	59
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	59
4	1-Iodoundecane	282	C11H23I	004282-44-4	58
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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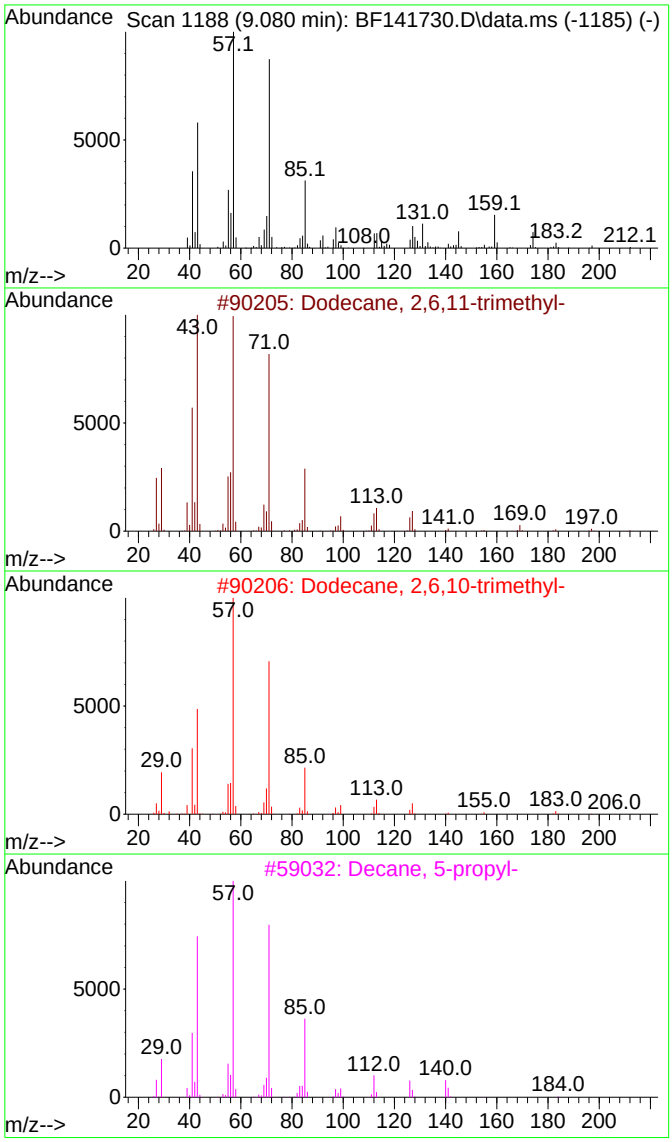
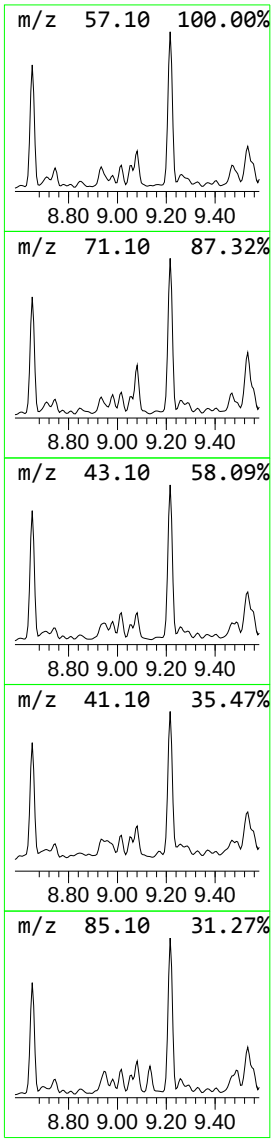
Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.080	10.43 ng	434796	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Decane, 5-propyl-	184	C13H28	017312-62-8	58
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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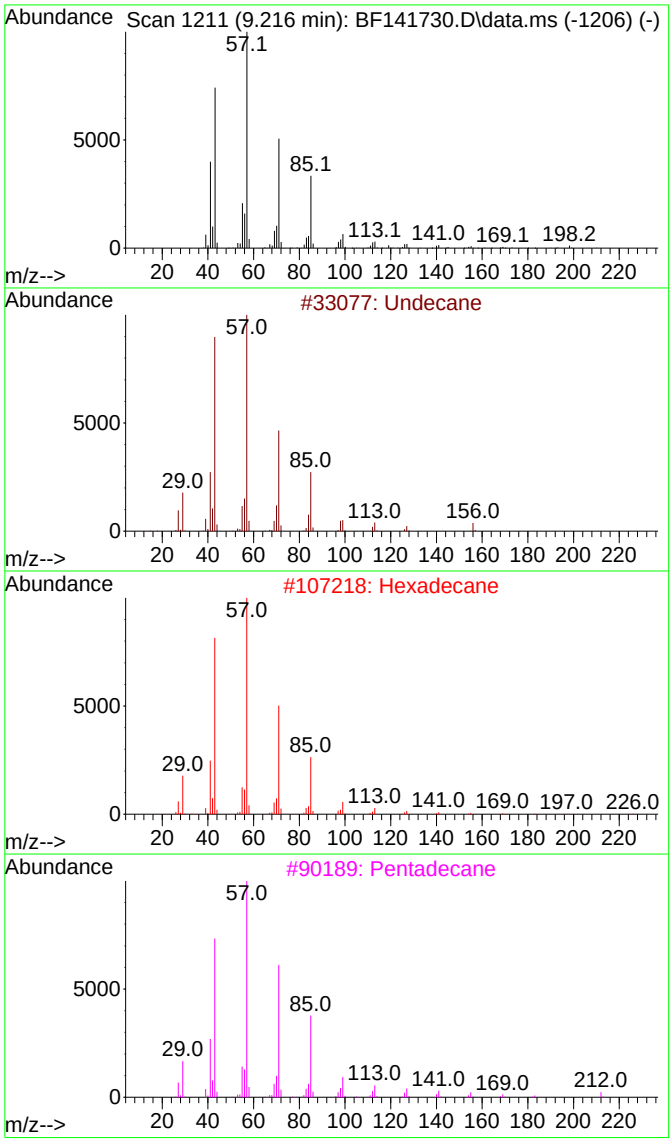
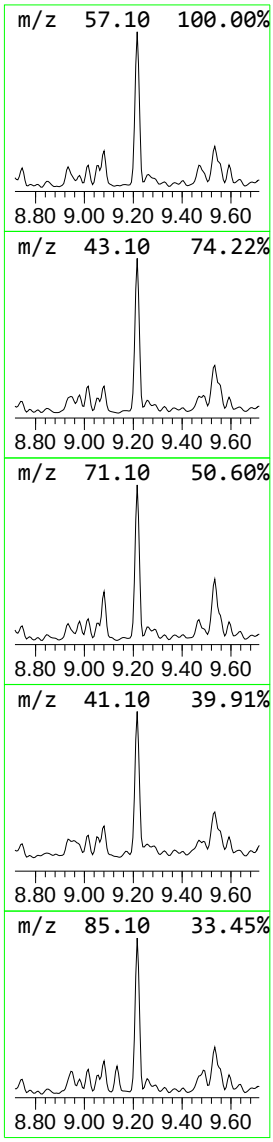
Peak Number 4 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	41.83 ng	1743180	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

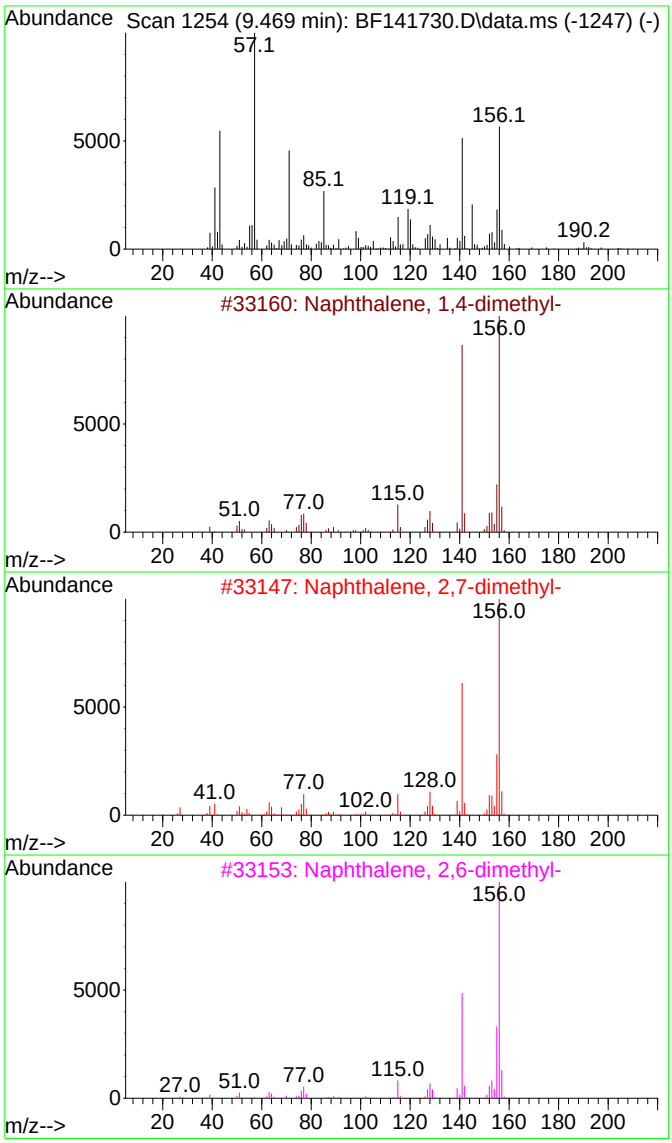
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

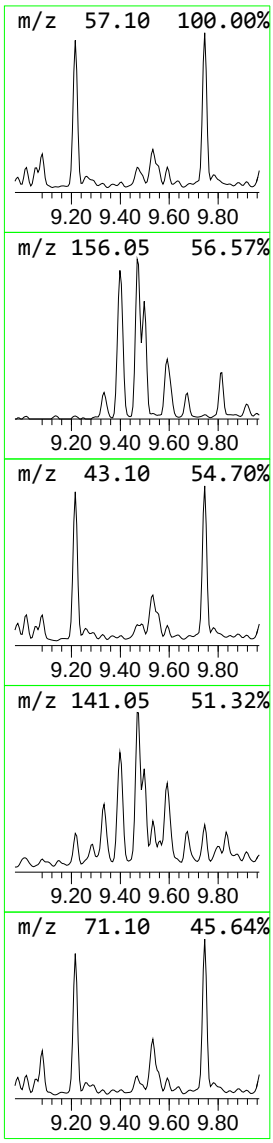
****

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	13.13 ng	547134	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

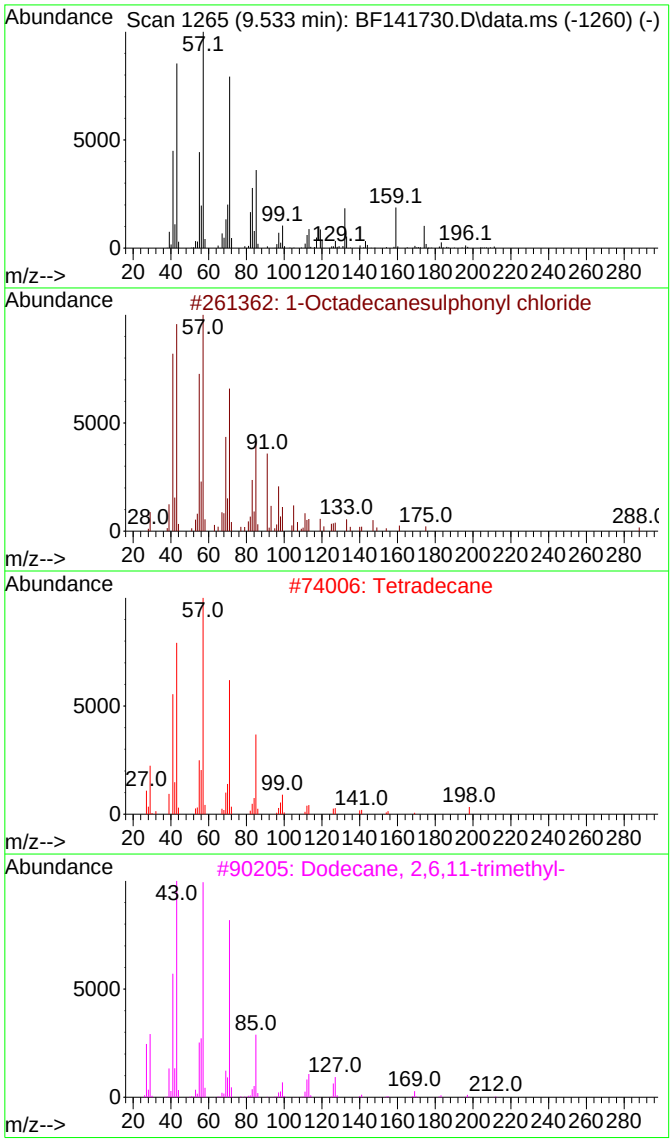
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

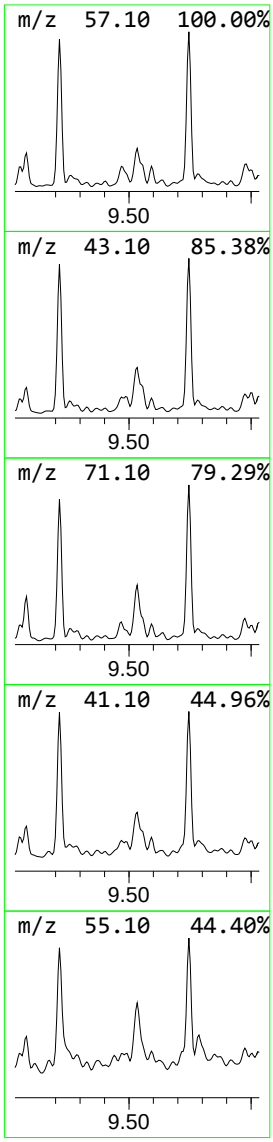
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Octadecanesulphonyl chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	22.88 ng	953654	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
2	Tetradecane	198	C14H30	000629-59-4	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
4	Nonadecane	268	C19H40	000629-92-5	58
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58





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Sample : Q1399-01 2X
Misc :
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ClientSampleId :
SU-04-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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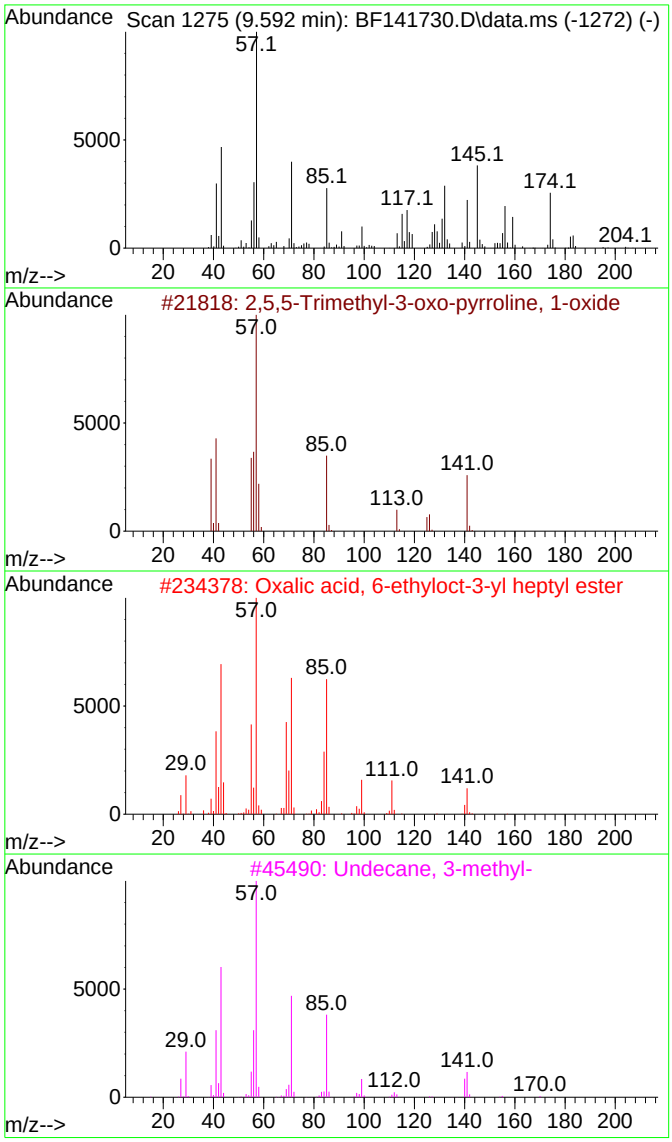
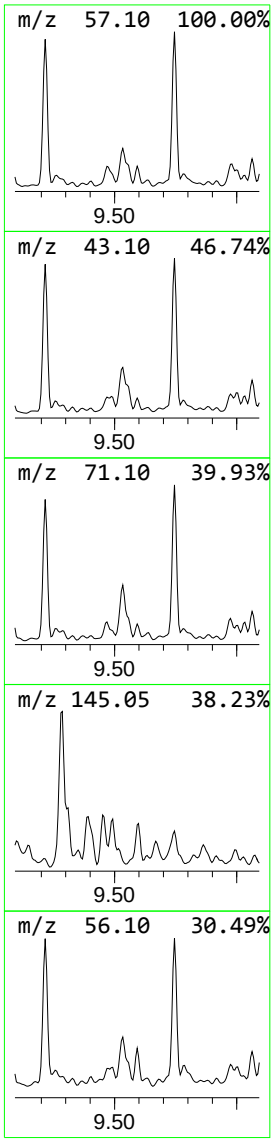
Peak Number 7 unknown9.592 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	7.89 ng	329014	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5-Trimethyl-3-oxo-pyrroline,...	141	C7H11NO2	1000305-90-5	25
2	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	22
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	14
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	14
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	14





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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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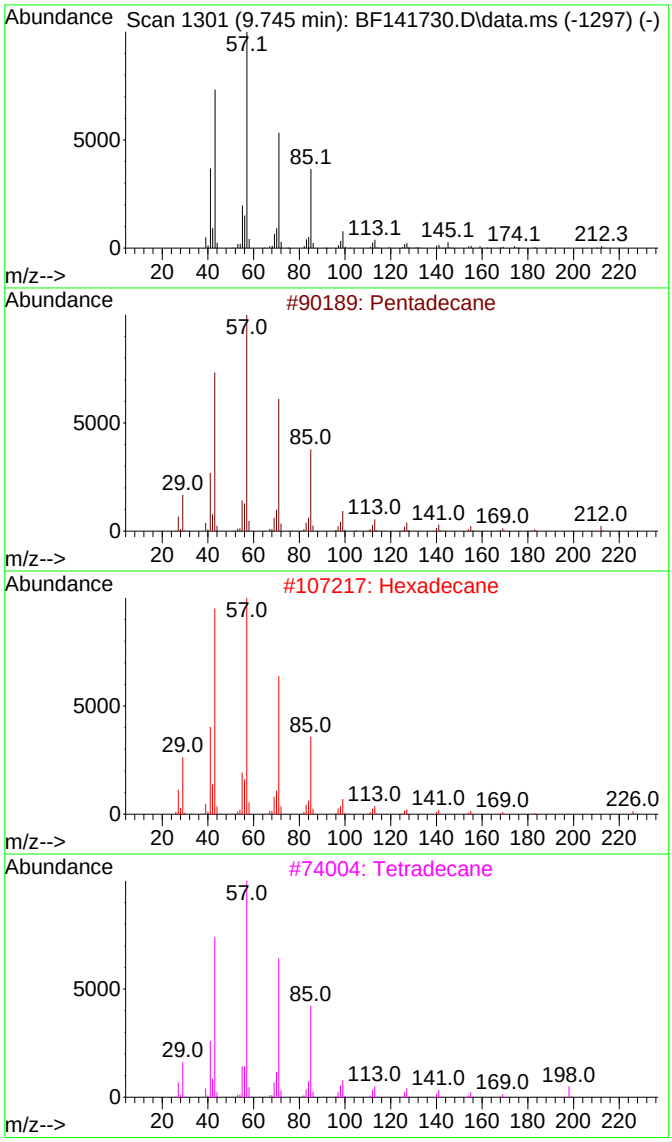
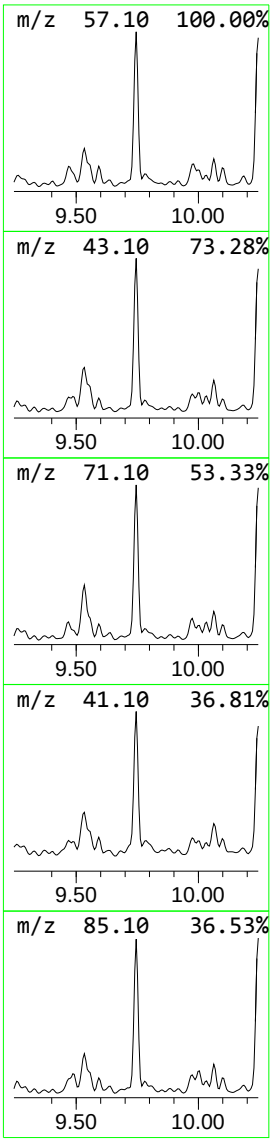
Peak Number 8 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	39.81 ng	1658890	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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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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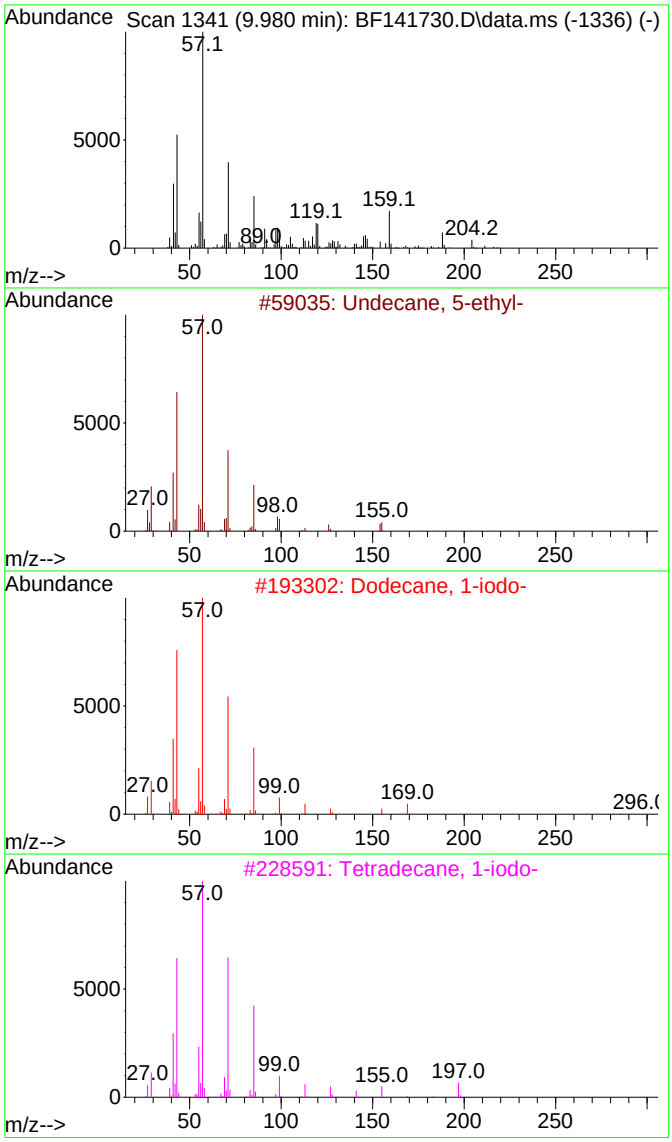
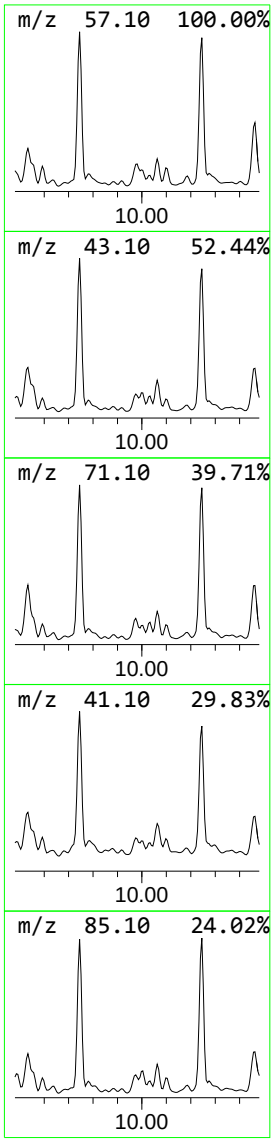
Peak Number 9 Undecane, 5-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.980	7.39 ng	307934	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	49
5	Octane, 2-methyl-	128	C9H20	003221-61-2	49





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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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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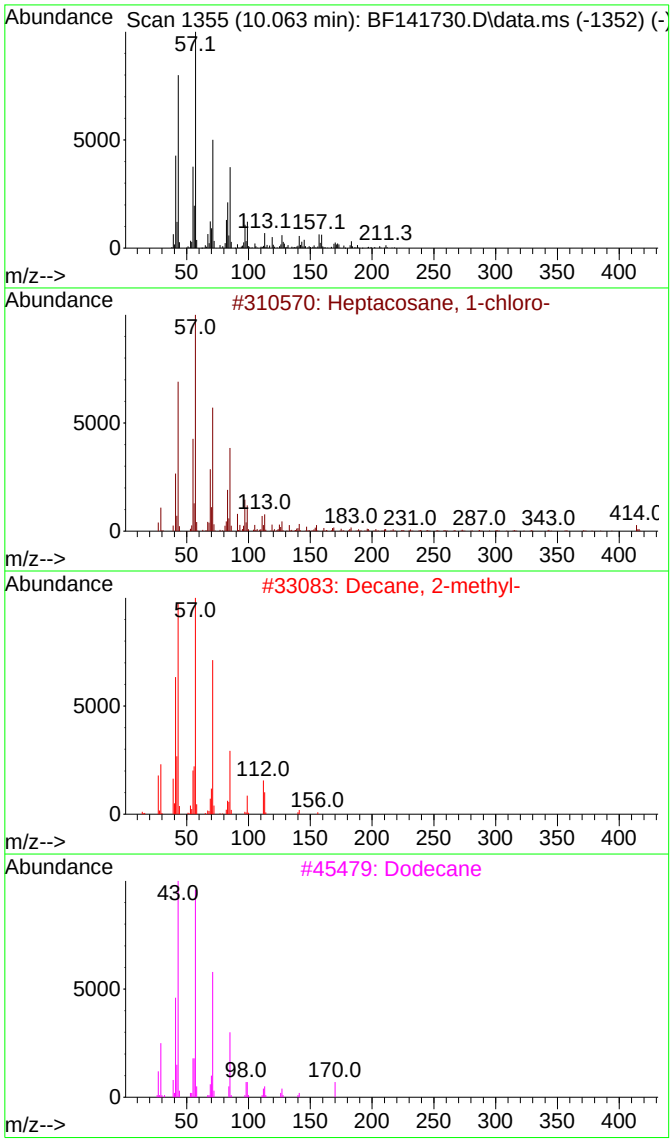
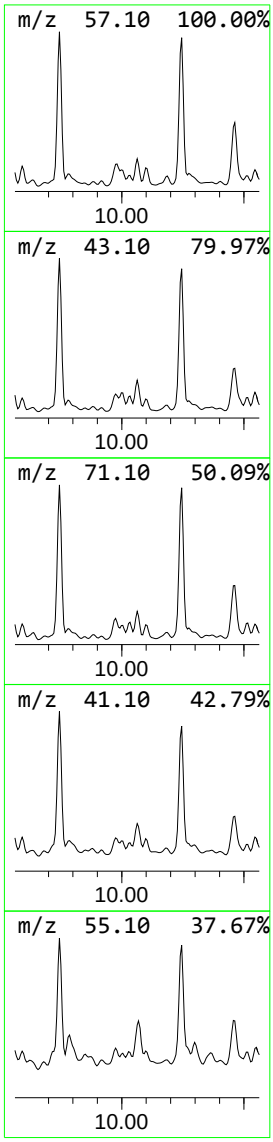
Peak Number 10 Heptacosane, 1-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	8.09 ng	337109	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
2	Decane, 2-methyl-	156	C11H24	006975-98-0	76
3	Dodecane	170	C12H26	000112-40-3	76
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Heptacosane	380	C27H56	000593-49-7	74





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

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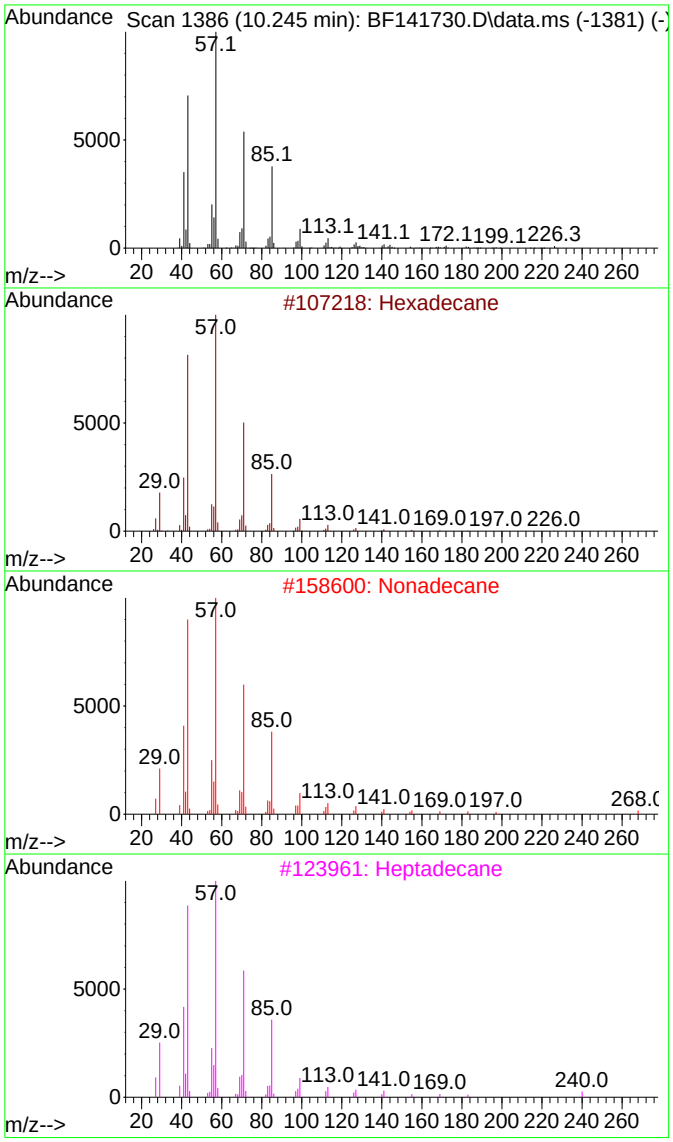
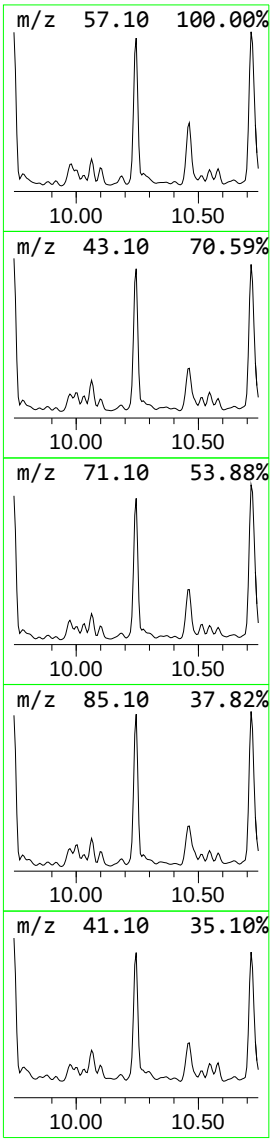
Peak Number 11 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	38.94 ng	1622750	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Tetradecane	198	C14H30	000629-59-4	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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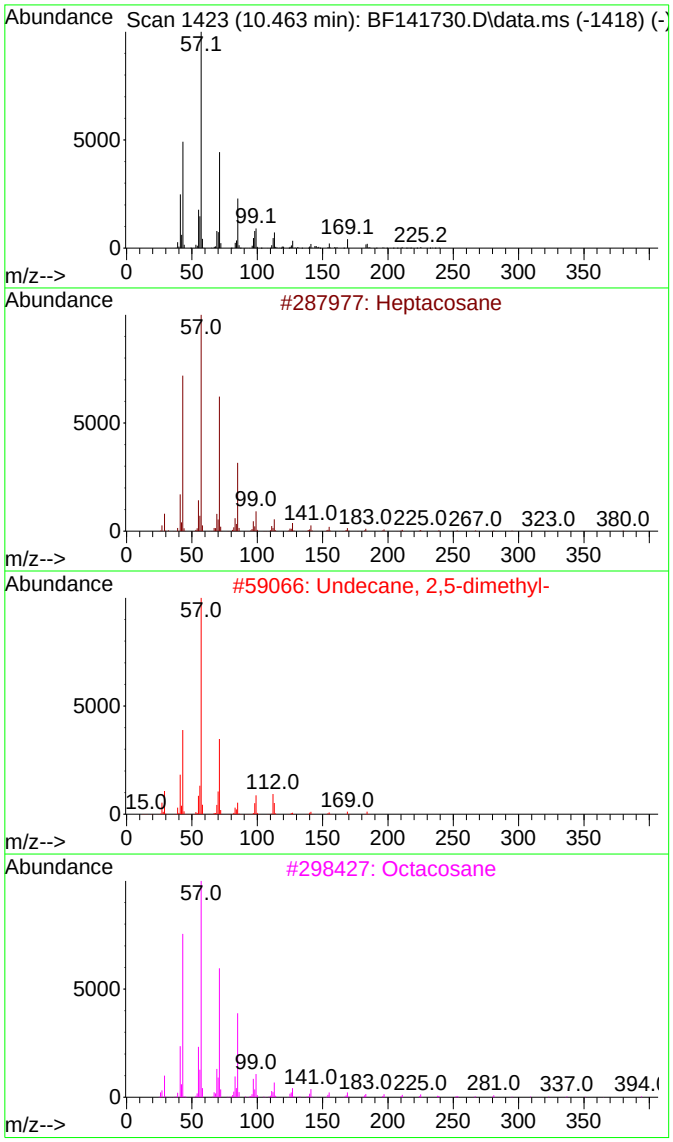
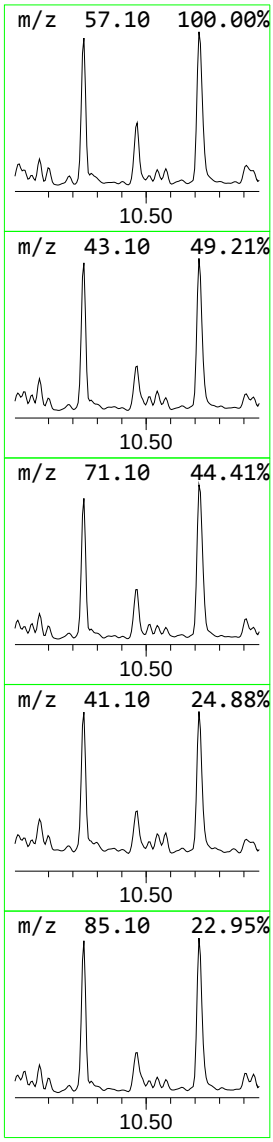
Peak Number 12 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	16.81 ng	700384	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Octacosane	394	C28H58	000630-02-4	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Tridecane	184	C13H28	000629-50-5	70





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Misc :
ALS Vial : 23 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
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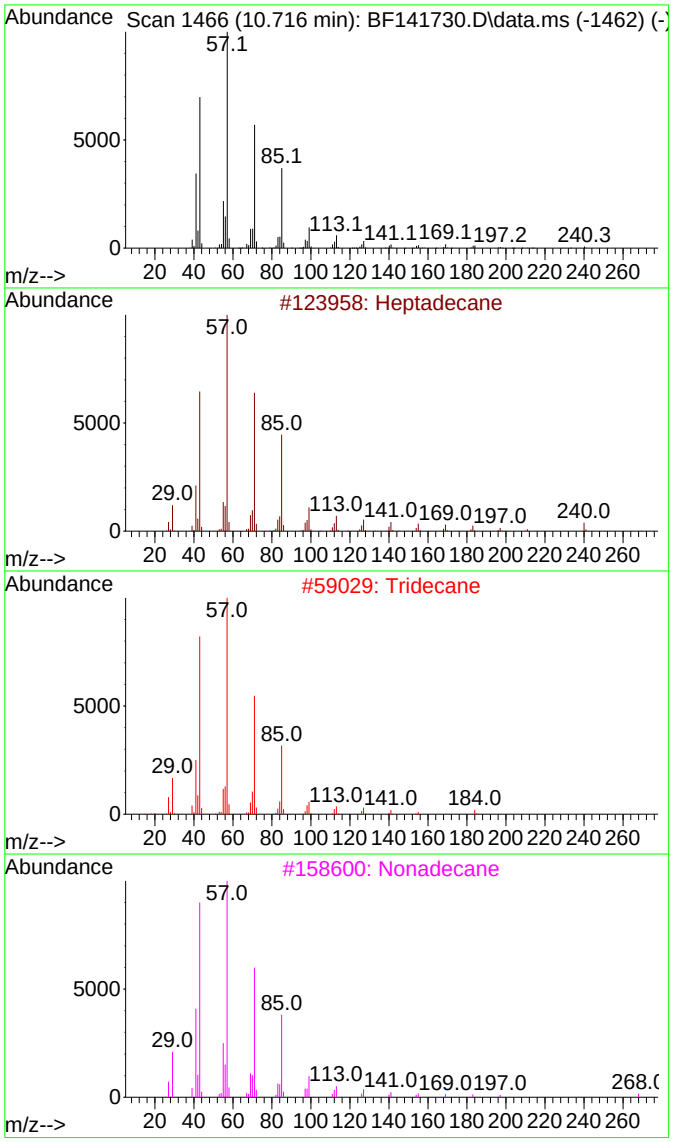
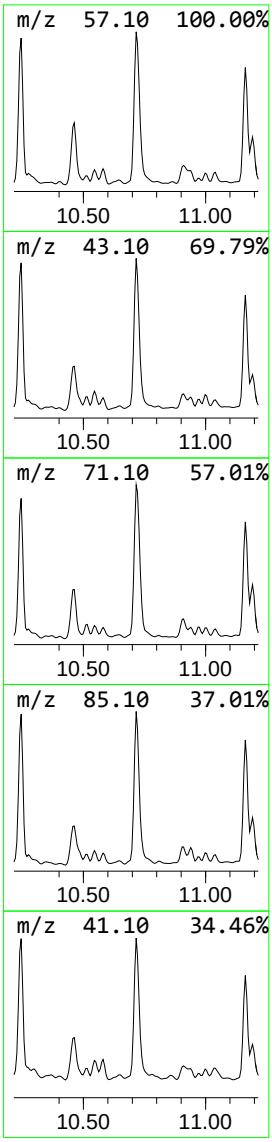
Peak Number 13 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	67.18 ng	2028880	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90





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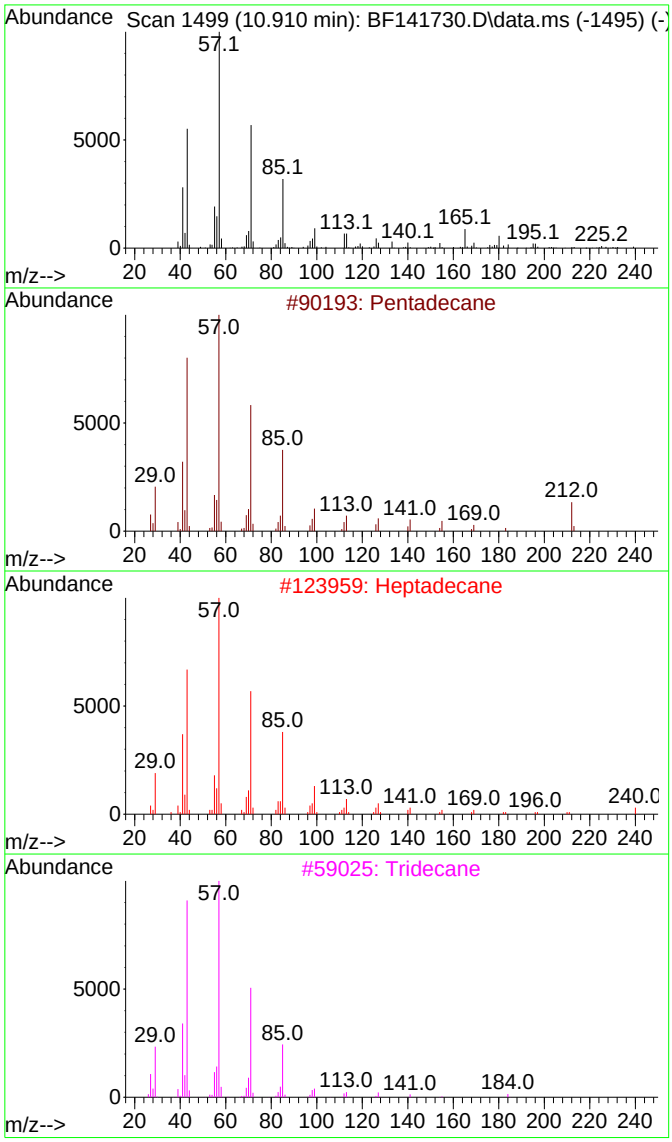
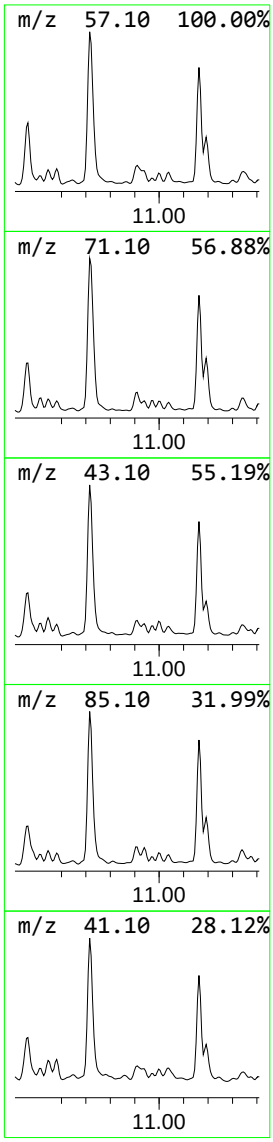
Peak Number 14 2-Bromo dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	7.38 ng	222959	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	72
2	Heptadecane	240	C17H36	000629-78-7	72
3	Tridecane	184	C13H28	000629-50-5	64
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Hexadecane	226	C16H34	000544-76-3	64





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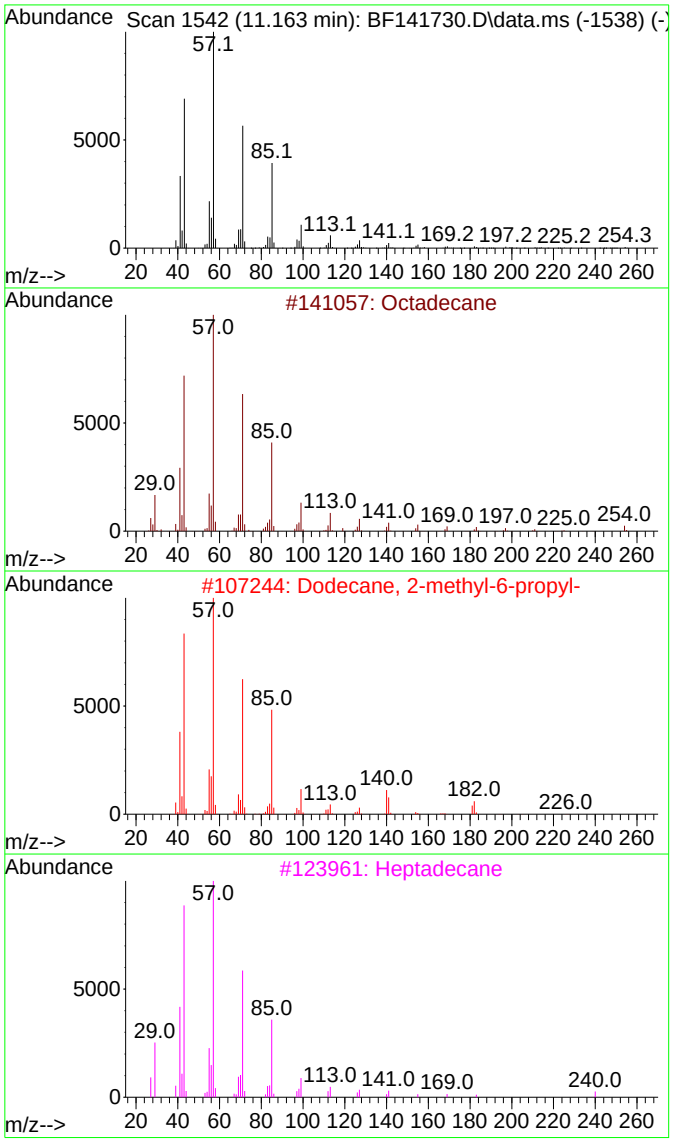
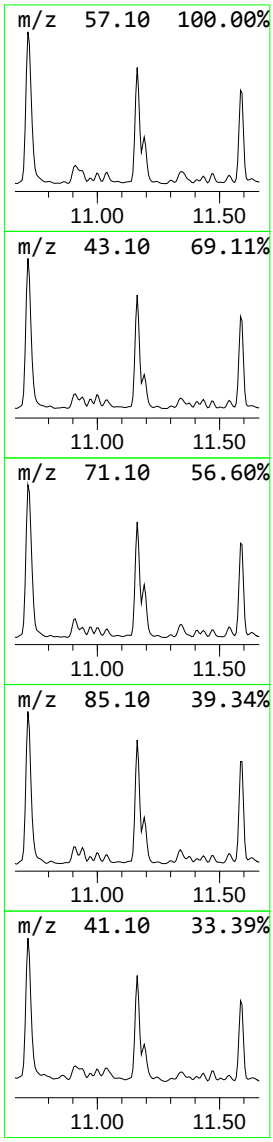
Peak Number 15 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	43.98 ng	1328320	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





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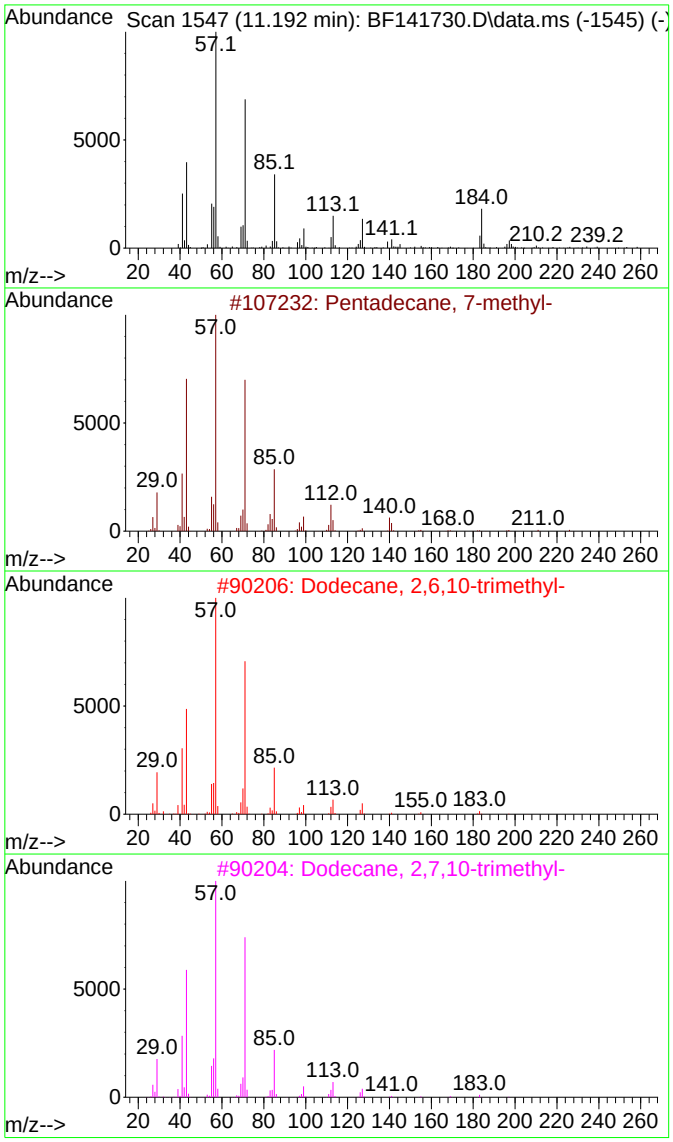
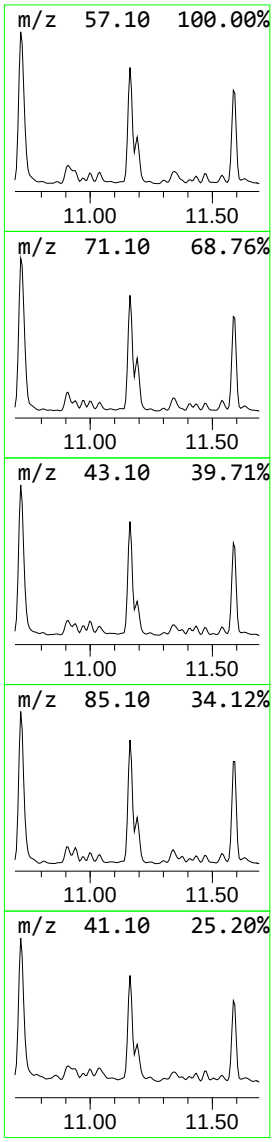
Peak Number 16 Pentadecane, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	18.35 ng	554214	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Hexadecane	226	C16H34	000544-76-3	53





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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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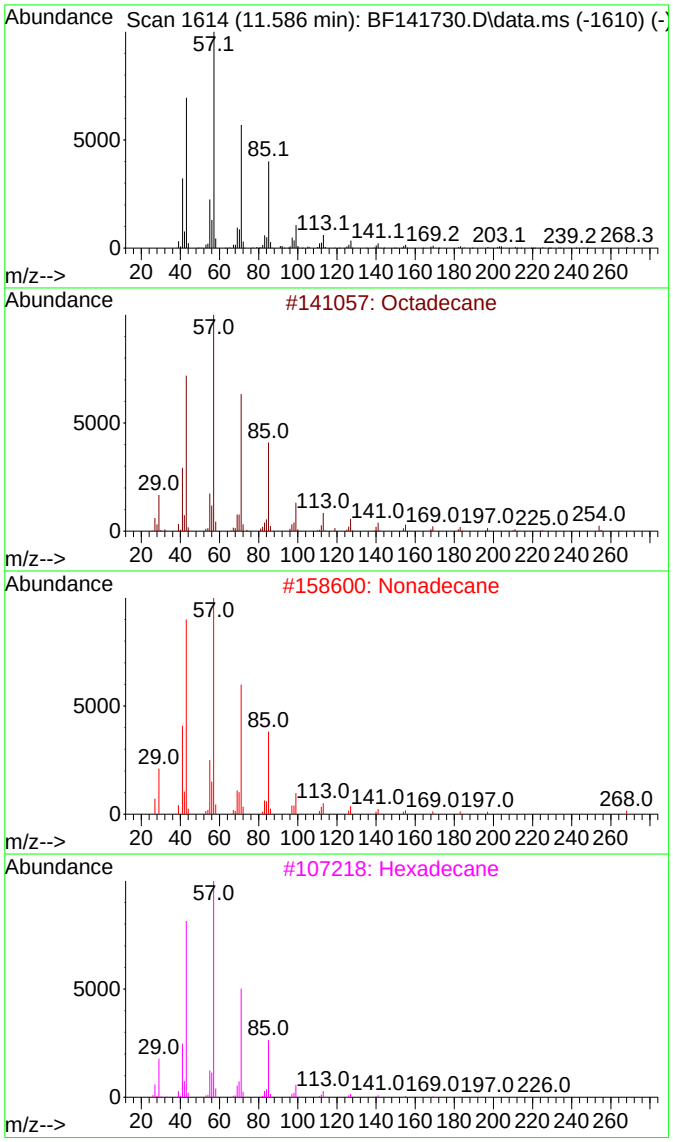
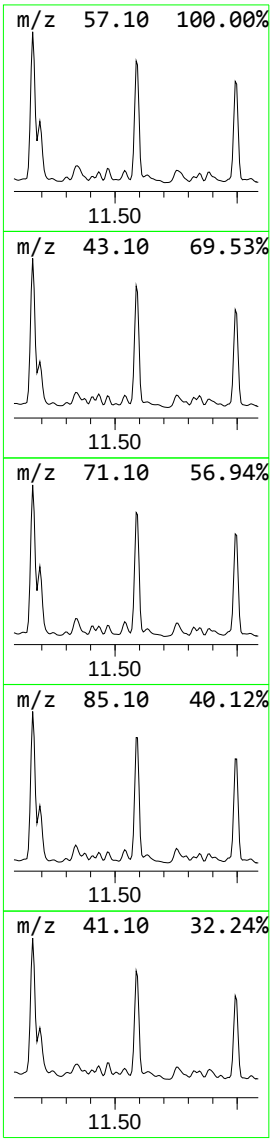
Peak Number 17 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	35.12 ng	1060520	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	90





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TIC Integration Parameters: LSCINT.P

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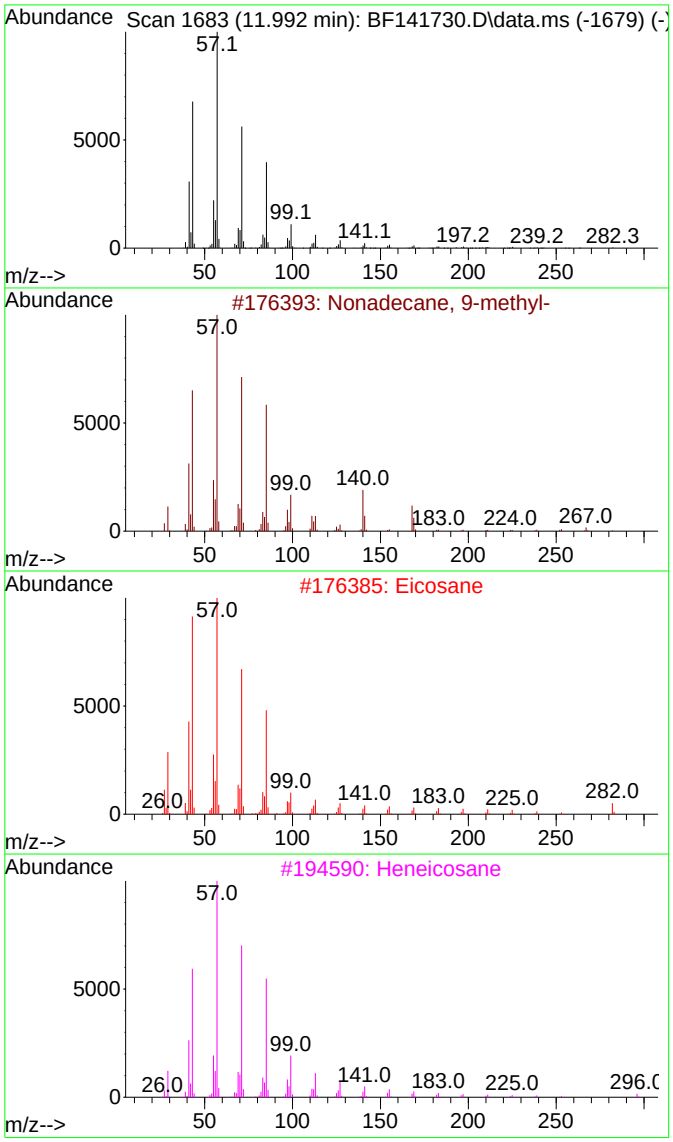
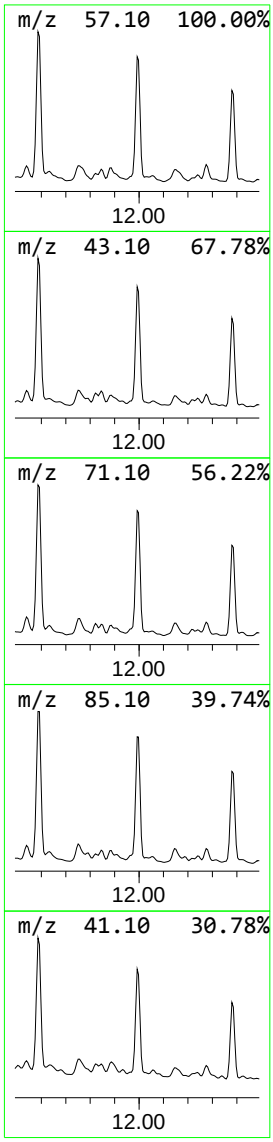
Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	28.33 ng	855570	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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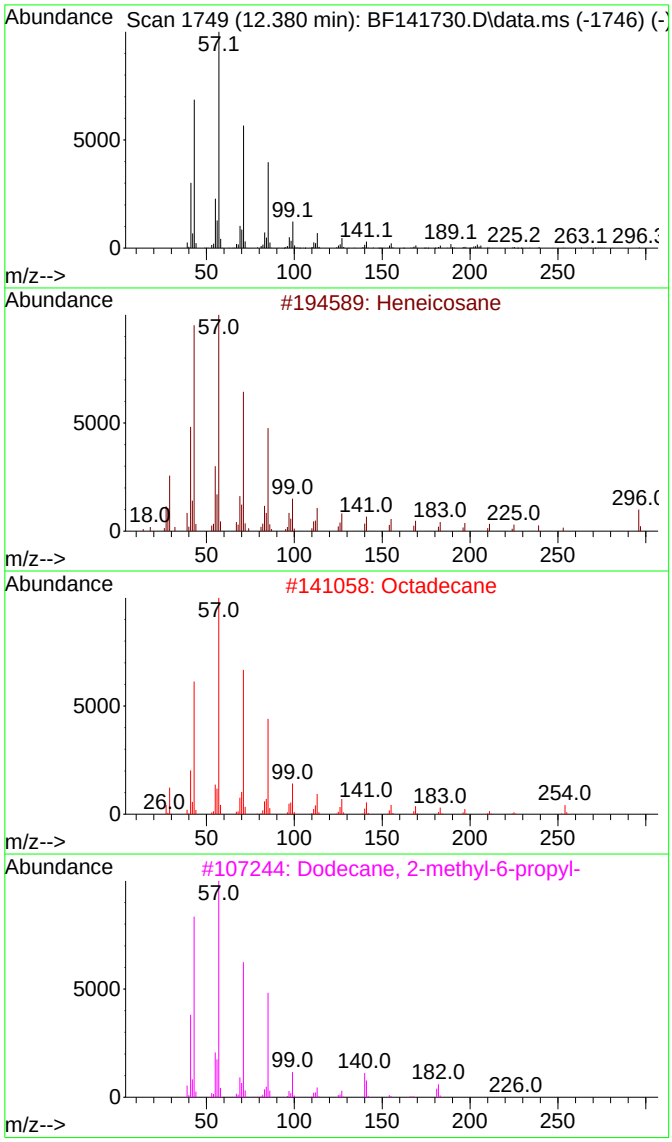
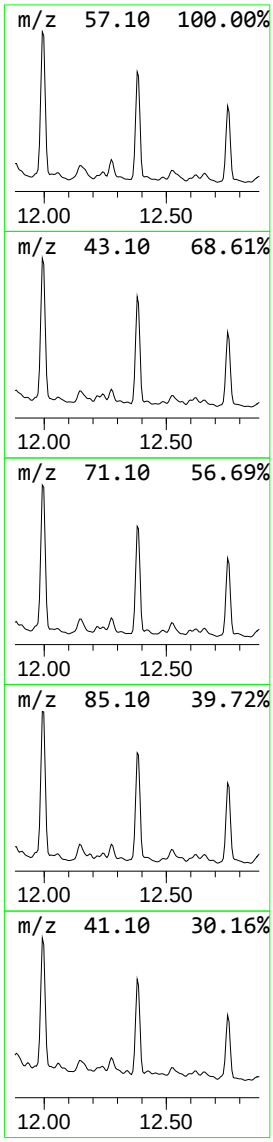
Peak Number 19 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	22.45 ng	677905	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octadecane	254	C18H38	000593-45-3	95
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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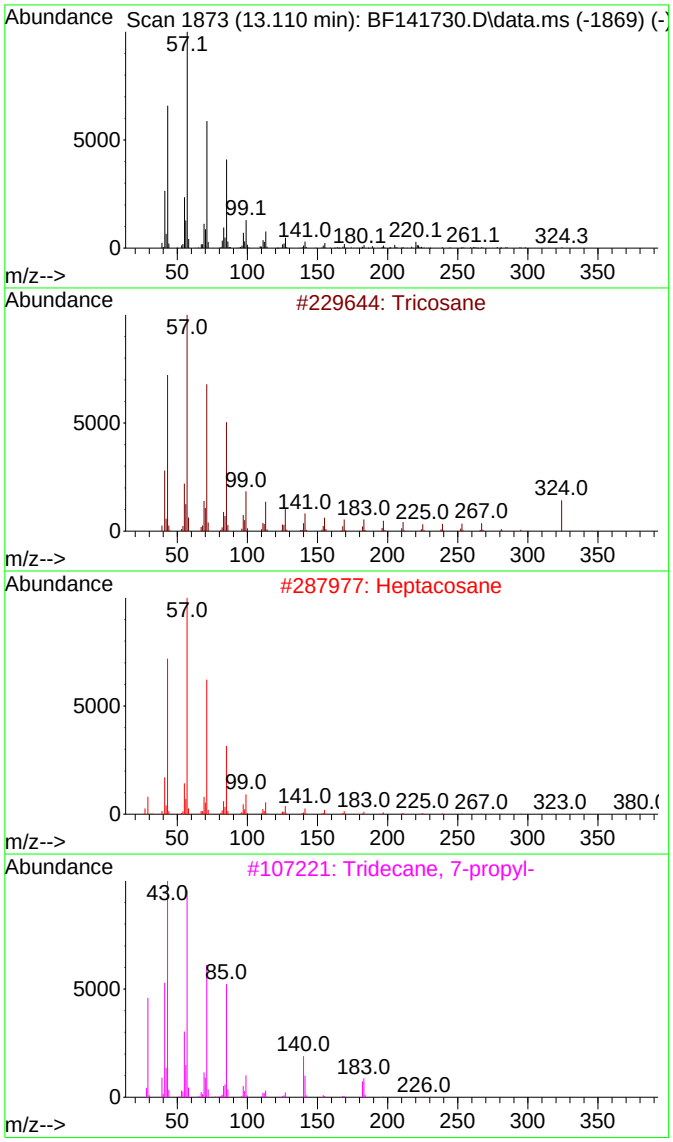
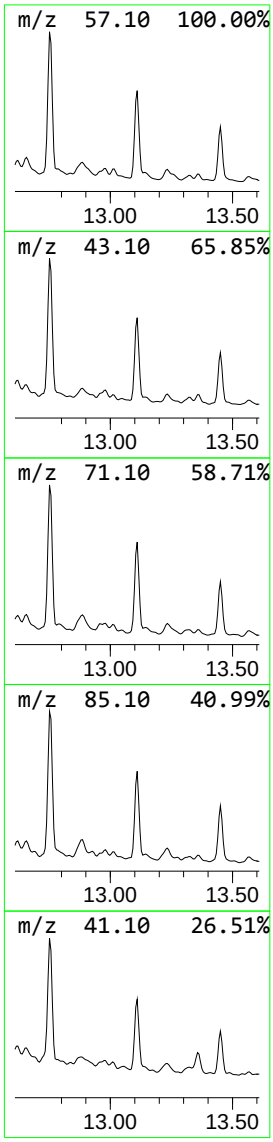
Peak Number 20 Tricosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	8.53 ng	371711	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141730.D
Acq On : 21 Feb 2025 20:12
Operator : RC/JU
Sample : Q1399-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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	8.651	11.6	ng	1292100	2	8.063	2238260	20.0
Tridecane, 2-me...	9.010	9.0	ng	375238	3	9.810	833490	20.0
Dodecane, 2,6,1...	9.080	10.4	ng	434796	3	9.810	833490	20.0
Undecane	9.216	41.8	ng	1743180	3	9.810	833490	20.0
Naphthalene, 1,...	9.469	13.1	ng	547134	3	9.810	833490	20.0
1-Octadecanesul...	9.533	22.9	ng	953654	3	9.810	833490	20.0
unknown9.592	9.592	7.9	ng	329014	3	9.810	833490	20.0
Pentadecane	9.745	39.8	ng	1658890	3	9.810	833490	20.0
Undecane, 5-ethyl-	9.980	7.4	ng	307934	3	9.810	833490	20.0
Heptacosane, 1-...	10.063	8.1	ng	337109	3	9.810	833490	20.0
Hexadecane	10.245	38.9	ng	1622750	3	9.810	833490	20.0
Heptacosane	10.463	16.8	ng	700384	3	9.810	833490	20.0
Heptadecane	10.716	67.2	ng	2028880	4	11.298	604007	20.0
2-Bromo dodecane	10.910	7.4	ng	222959	4	11.298	604007	20.0
Octadecane	11.163	44.0	ng	1328320	4	11.298	604007	20.0
Pentadecane, 7-...	11.192	18.4	ng	554214	4	11.298	604007	20.0
Nonadecane	11.586	35.1	ng	1060520	4	11.298	604007	20.0
Nonadecane, 9-m...	11.992	28.3	ng	855570	4	11.298	604007	20.0
Heneicosane	12.380	22.4	ng	677905	4	11.298	604007	20.0
Tricosane	13.110	8.5	ng	371711	5	13.933	871721	20.0