LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-5.2-013025

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: BF141521.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	482	492	509	rBV	228955	331799	17.99%	1.300%
2	5.416	560	565	579	rVB	233096	326230	17.69%	1.278%
3	6.069	663	676	683	rBV	78030	107296	5.82%	0.420%
4	6.428	732	737	745	rBV	1062314	1470175	79.71%	5.761%
5	6.487	745	747	763	rVB3	18632	39676	2.15%	0.155%
6	6.622	765	770	775	rBV2	13539	19417	1.05%	0.076%
7	6.792	794	799	805	rBV	397386	502721	27.26%	1.970%
8	6.863	805	811	815	rBV3	23666	36073	1.96%	0.141%
9	7.181	860	865	870	rBV4	14073	27549	1.49%	0.108%
10	7.351	883	894	898	rBV	853480	1151553	62.43%	4.512%
11	7.387	898	900	904	rVV	61942	72078	3.91%	0.282%
12	7.434	904	908	912	rVB5	17569	28286	1.53%	0.111%
13	7.604	932	937	941	rVB4	30862	47106	2.55%	0.185%
14	7.710	949	955	959	rVB4	21017	40780	2.21%	0.160%
15	7.757	959	963	966	rBV2	21107	29650	1.61%	0.116%
16	7.822	970	974	978	rVB4	34980	45326	2.46%	0.178%
17	7.869	978	982	984	rBV3	17028	20406	1.11%	0.080%
18	7.981	997	1001	1004	rBV	18757	23813	1.29%	0.093%
19	8.075	1004	1017	1024	rVV3	501939	1115143	60.46%	4.370%
20	8.134	1024	1027	1030	rVV	86183	114555	6.21%	0.449%
21	8.163	1030	1032	1039	rVB6	18894	33508	1.82%	0.131%
22	8.363	1060	1066	1072	rBV5	52211	112968	6.12%	0.443%
23	8.416	1072	1075	1078	rVV3	32309	42306	2.29%	0.166%
24	8.451	1078	1081	1084	rVV2	47241	56553	3.07%	0.222%
25	8.492	1084	1088	1099	rVB	113027	187438	10.16%	0.734%
26	8.575	1099	1102	1105	rBV2	23007	29513	1.60%	0.116%
27	8.663	1113	1117	1121	rBV	255480	311796	16.90%	1.222%
28	8.757	1131	1133	1136	rVV	19418	19611	1.06%	0.077%
29	8.786	1136	1138	1141	rVB	36334	32316	1.75%	0.127%
30	8.886	1151	1155	1161	rVB2	47322	67325	3.65%	0.264%
31	8.951	1162	1166	1168	rBV2	31253	46995	2.55%	0.184%
32	9.028	1176	1179	1183	rVB	34516	42752	2.32%	0.168%
33	9.069	1183	1186	1187	rBV2	26558	27886	1.51%	0.109%
34	9.092	1187	1190	1194	rVB	73225	85634	4.64%	0.336%
35	9.145	1194	1199	1205	rBV	1421252	1844478	100.00%	7.227%
36	9.228	1209	1213	1219	rBV	231146	330717	17.93%	1.296%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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	9.416	1241	1245	1249	rVB3	38342	57818	3.13%	0.227%
38	9.486	1253	1257	1259	rVV2	77637	112051	6.07%	0.439%
39	9.545	1263	1267	1271	rVV4	106445	194378	10.54%	0.762%
40	9.604	1275	1277	1281	rVB2	43299	53079	2.88%	0.208%
41	9.692	1288	1292	1296	rBV3	36790	55644	3.02%	0.218%
42	9.757	1297	1303	1307	rVV	185790	266427	14.44%	1.044%
43	9.828	1308	1315	1318	rVV	507084	674489	36.57%	2.643%
44	9.857	1318	1320	1325	rVB	136890	167761	9.10%	0.657%
45	9.933	1330	1333	1337	rVB	31258	37988	2.06%	0.149%
46	9.992	1339	1343	1345	rBV3	35721	56683	3.07%	0.222%
47	10.033	1346	1350	1354	rVV	94681	156350	8.48%	0.613%
48	10.080	1354	1358	1366	rVB5	66205	140272	7.60%	0.550%
49	10.145	1366	1369	1376	rBV4	35948	84630	4.59%	0.332%
50	10.257	1381	1388	1392	rBV	226732	338932	18.38%	1.328%
51	10.375	1404	1408	1414	rBV	120512	177357	9.62%	0.695%
52	10.480	1421	1426	1431	rBV	118108	179410	9.73%	0.703%
53	10.539	1432	1436	1440	rBV	169680	213810	11.59%	0.838%
54	10.739	1465	1470	1477	rVB	328029	567476	30.77%	2.224%
55	11.180	1541	1545	1548	rBV	209696	286330	15.52%	1.122%
56	11.210	1548	1550	1557	rVB	166318	215681	11.69%	0.845%
57	11.316	1564	1568	1570	rBV	441450	610002	33.07%	2.390%
58	11.339	1570	1572	1577	rVV	738033	881674	47.80%	3.455%
59	11.392	1577	1581	1584	rVB	182531	232531	12.61%	0.911%
60	11.610	1614	1618	1622	rVB	174312	200779	10.89%	0.787%
61	11.816	1650	1653	1655	rBV	81383	99239	5.38%	0.389%
62	11.845	1655	1658	1663	rVB	223925	288762	15.66%	1.131%
63	11.933	1669	1673	1681	rVB2	187452	391171	21.21%	1.533%
64	12.016	1684	1687	1691	rVB	134249	169995	9.22%	0.666%
65	12.098	1698	1701	1707	rVB3	84744	143976	7.81%	0.564%
66	12.174	1711	1714	1720	rVB3	105824	156707	8.50%	0.614%
67	12.263	1724	1729	1733	rBV	746319	946085	51.29%	3.707%
68	12.410	1750	1754	1760	rVB3	134141	205254	11.13%	0.804%
69	12.533	1770	1775	1779	rBV	1083832	1465290	79.44%	5.742%
70	12.574	1779	1782	1788	rVB	658435	836833	45.37%	3.279%
71	12.763	1808	1814	1820	rBV	972288	1542417	83.62%	6.044%
72	12.904	1834	1838	1846	rVB	1170537	1591352	86.28%	6.236%
73	13.045	1858	1862	1866	rBV	701657	851383	46.16%	3.336%
74	13.957	2012	2017	2021	rBV2	577974	1045275	56.67%	4.096%
75	15.004	2191	2195	2202	rVB	306602	642103	34.81%	2.516%
76	15.357	2252	2255	2261	rVB	239053	361555	19.60%	1.417%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

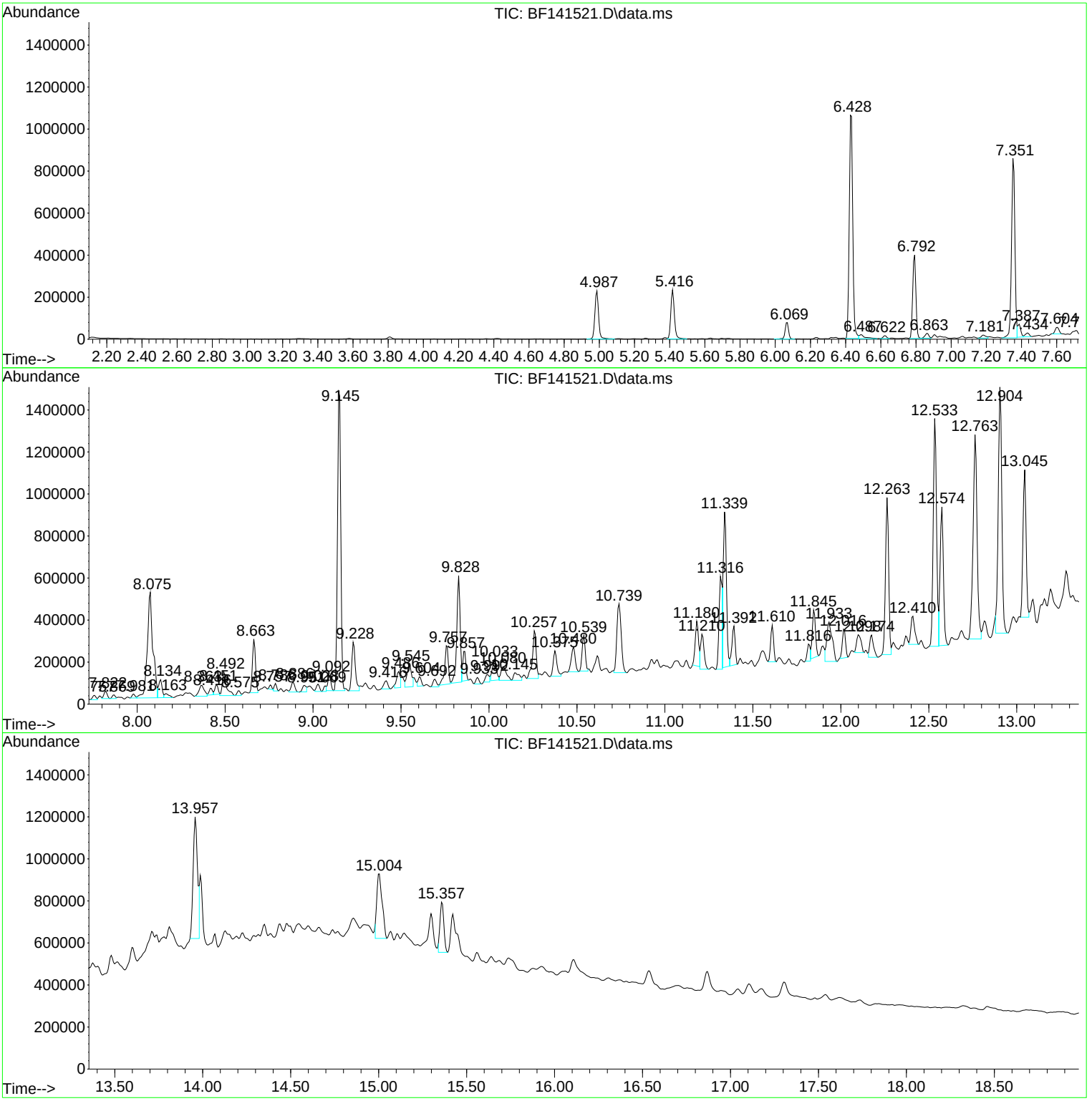
Sum of corrected areas: 25520377

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

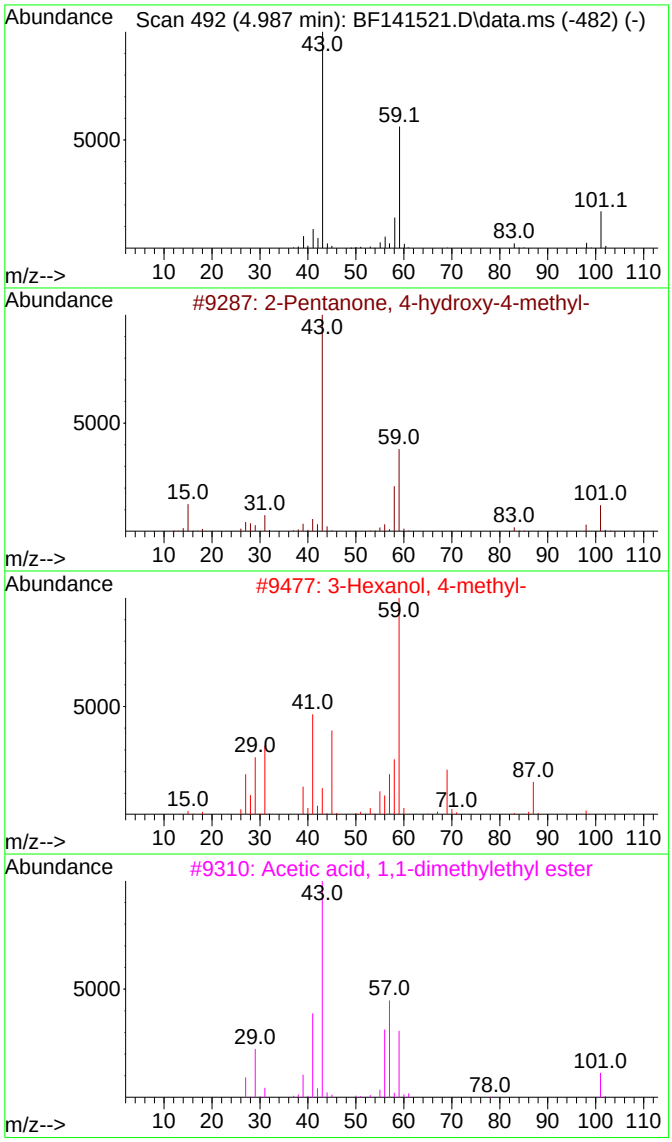
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

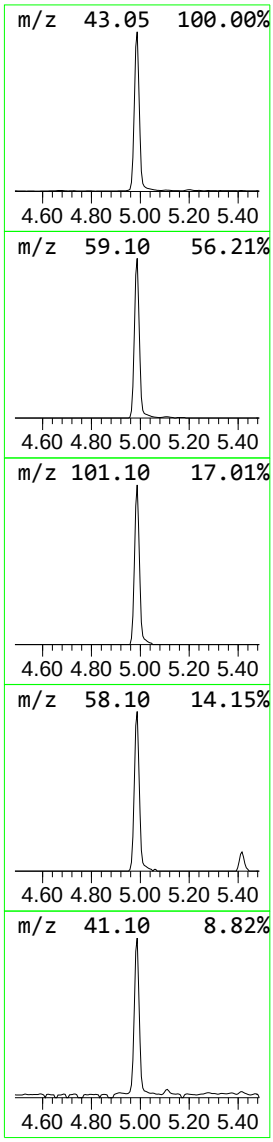
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	13.20 ng	331799	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

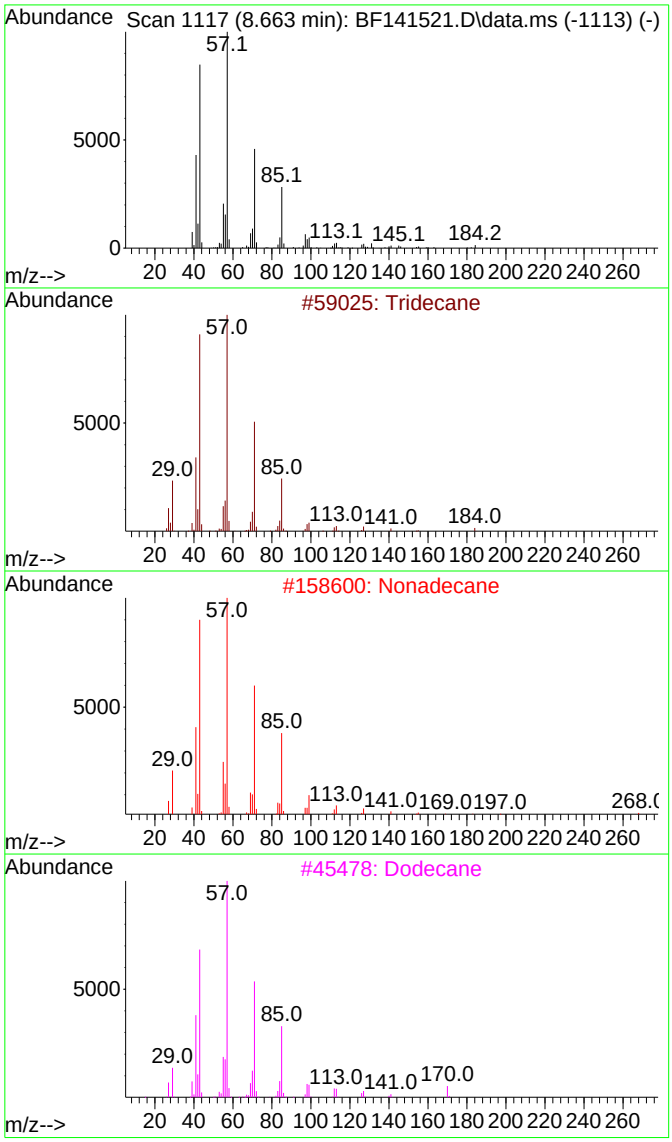
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

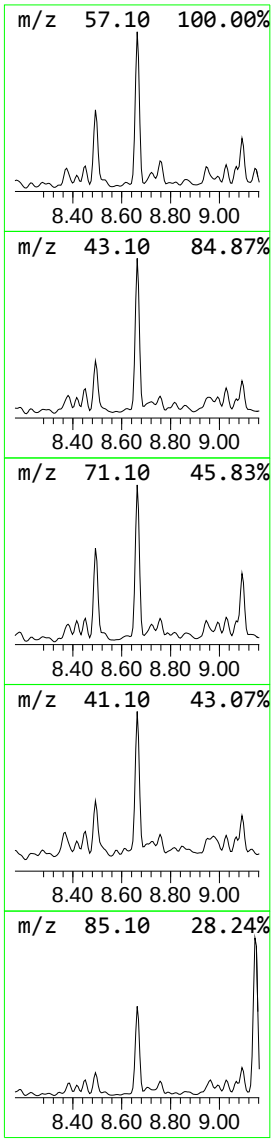
****

Peak Number 2 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	5.59 ng	311796	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Nonadecane	268	C19H40	000629-92-5	90
3	Dodecane	170	C12H26	000112-40-3	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

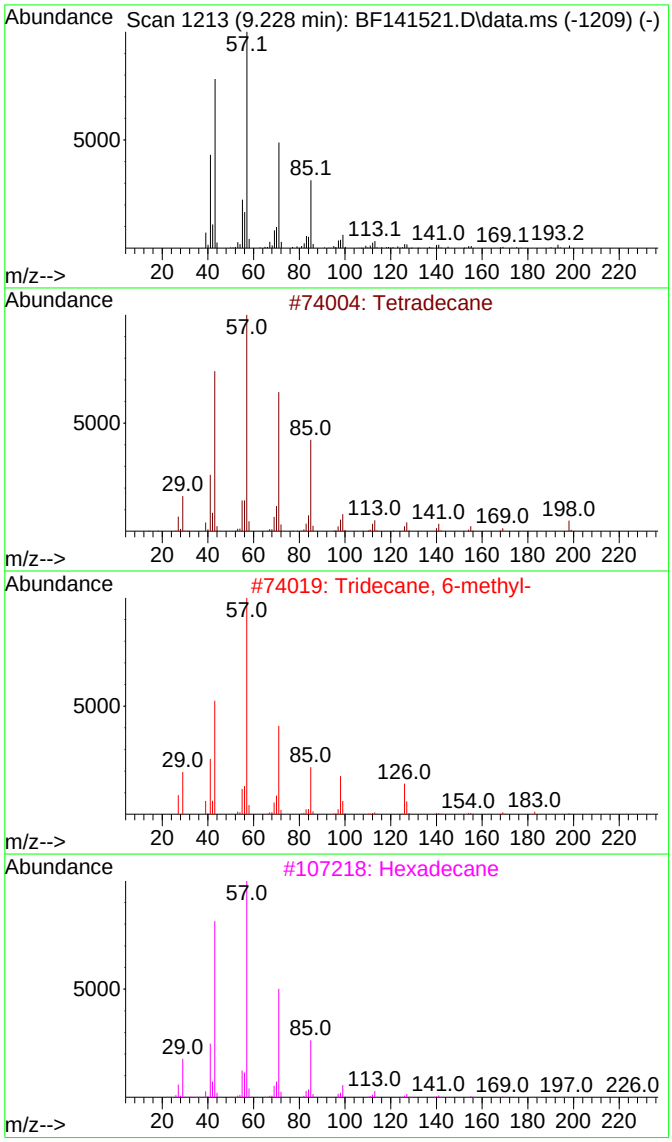
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

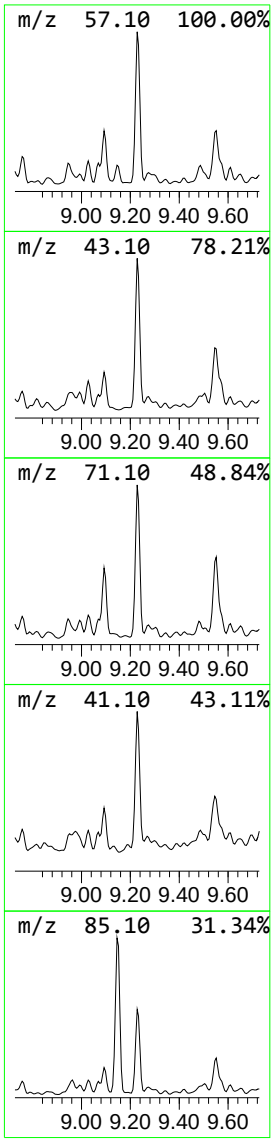
****

Peak Number 3 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	9.81 ng	330717	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	94
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Dodecane	170	C12H26	000112-40-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

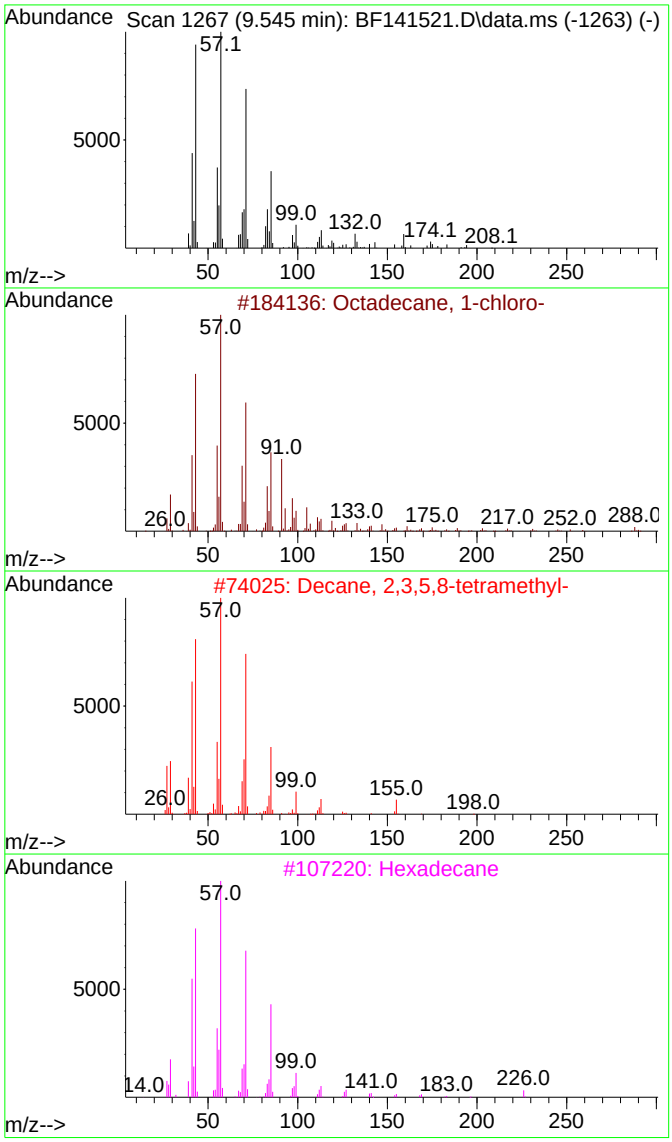
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

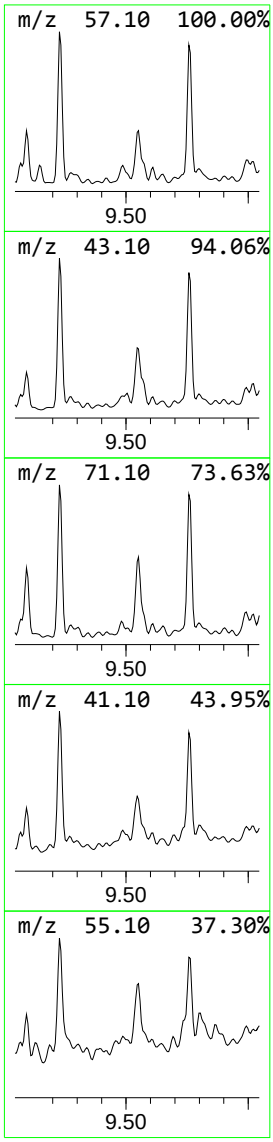
****

Peak Number 4 Octadecane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	5.76 ng	194378	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86
2	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

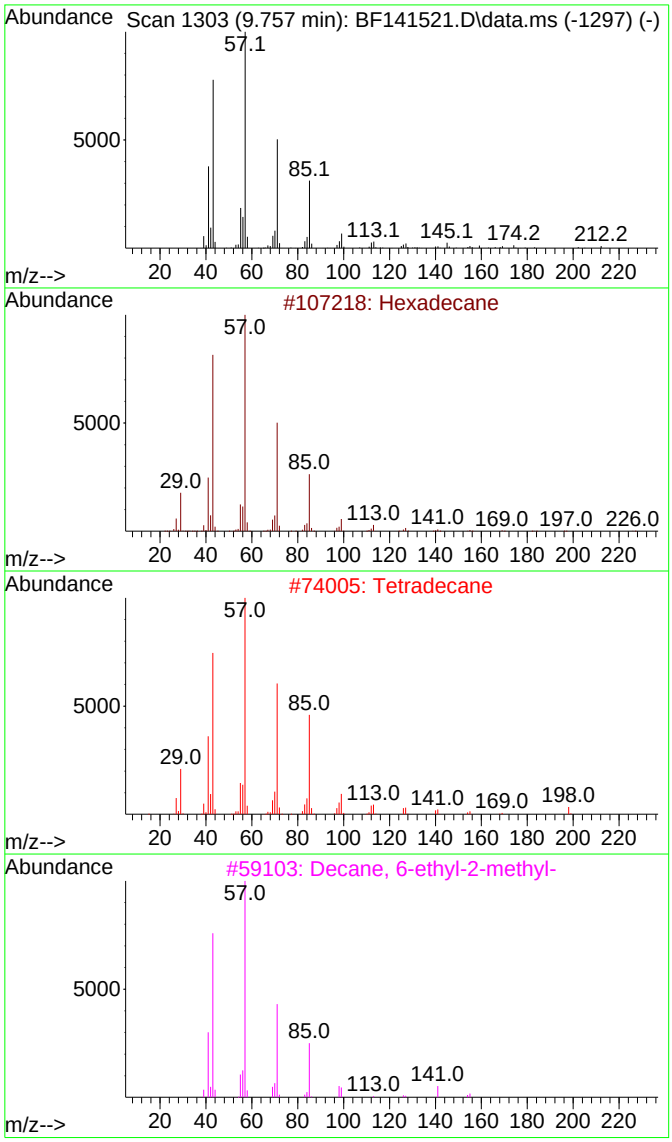
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

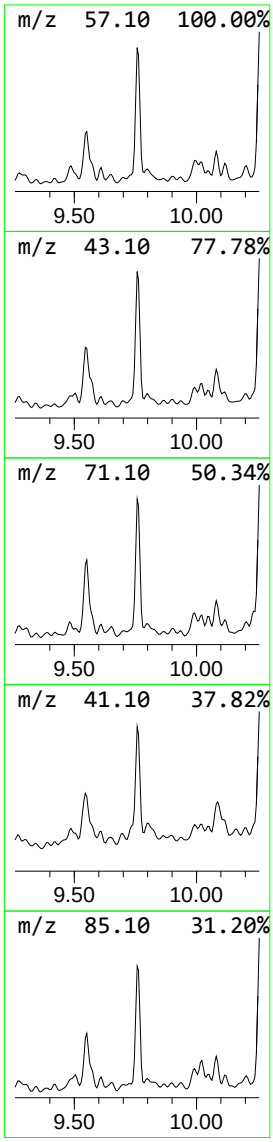
****

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	7.90 ng	266427	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

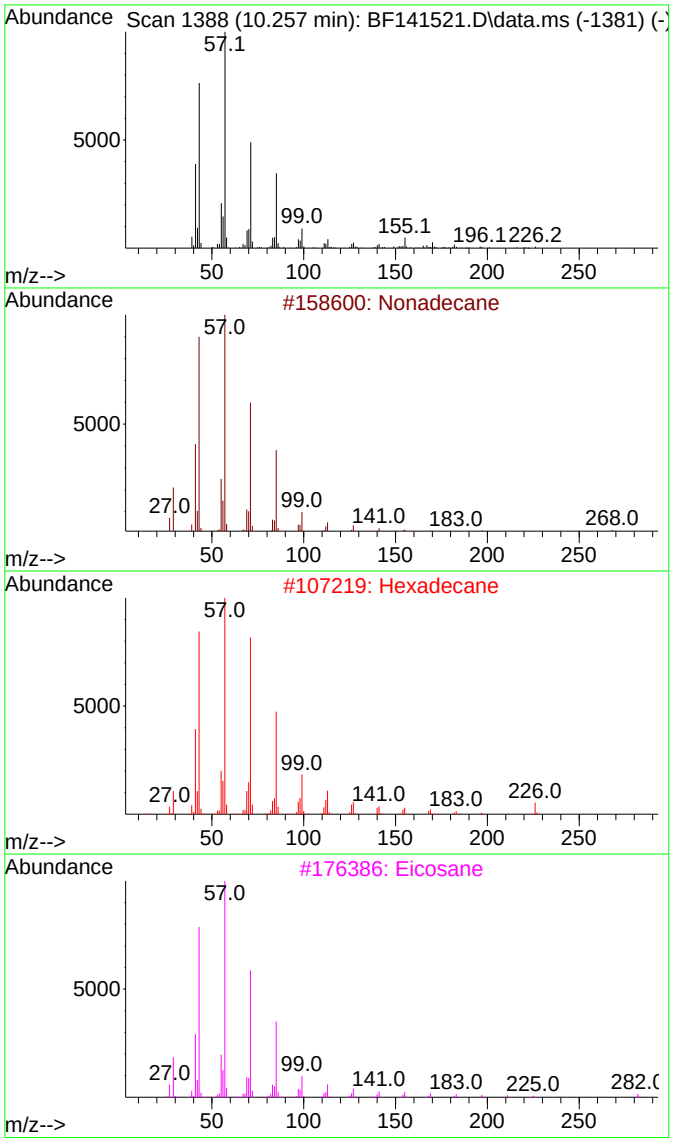
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

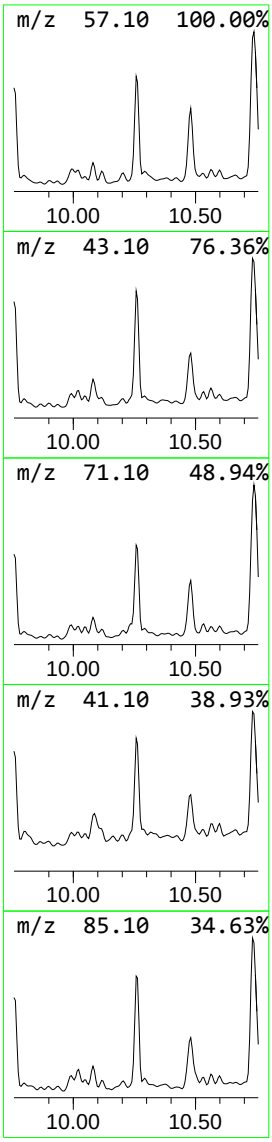
****

Peak Number 6 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	10.05 ng	338932	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	89
3	Eicosane	282	C20H42	000112-95-8	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

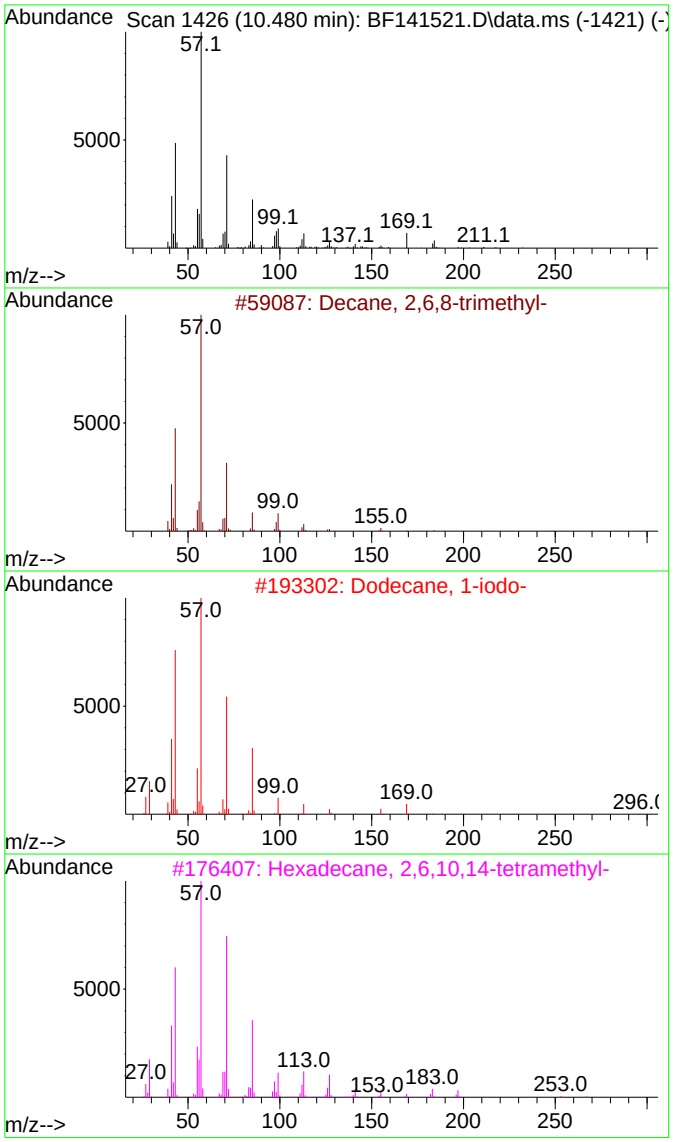
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

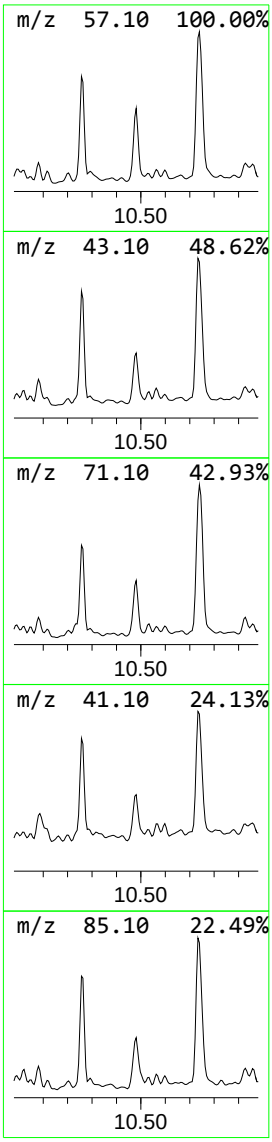
****

Peak Number 7 Decane, 2,6,8-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	5.32 ng	179410	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

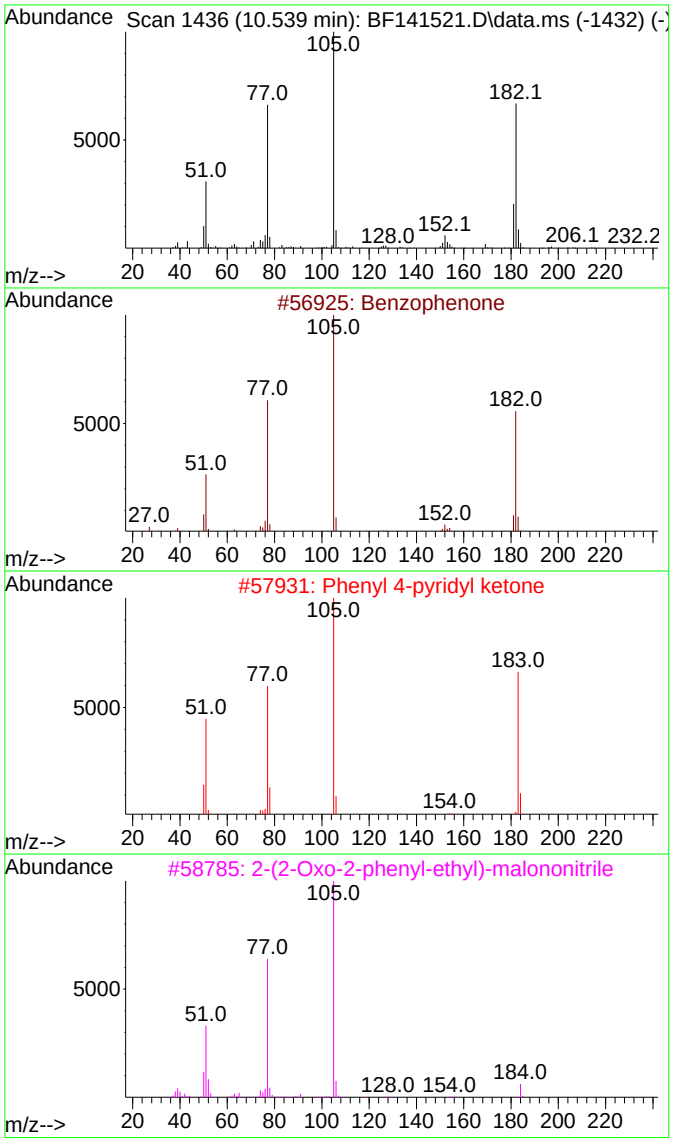
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

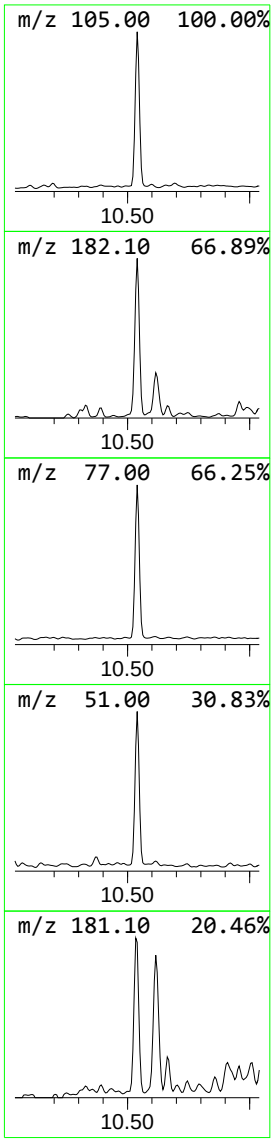
****

Peak Number 8 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	6.34 ng	213810	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	60
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	46
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

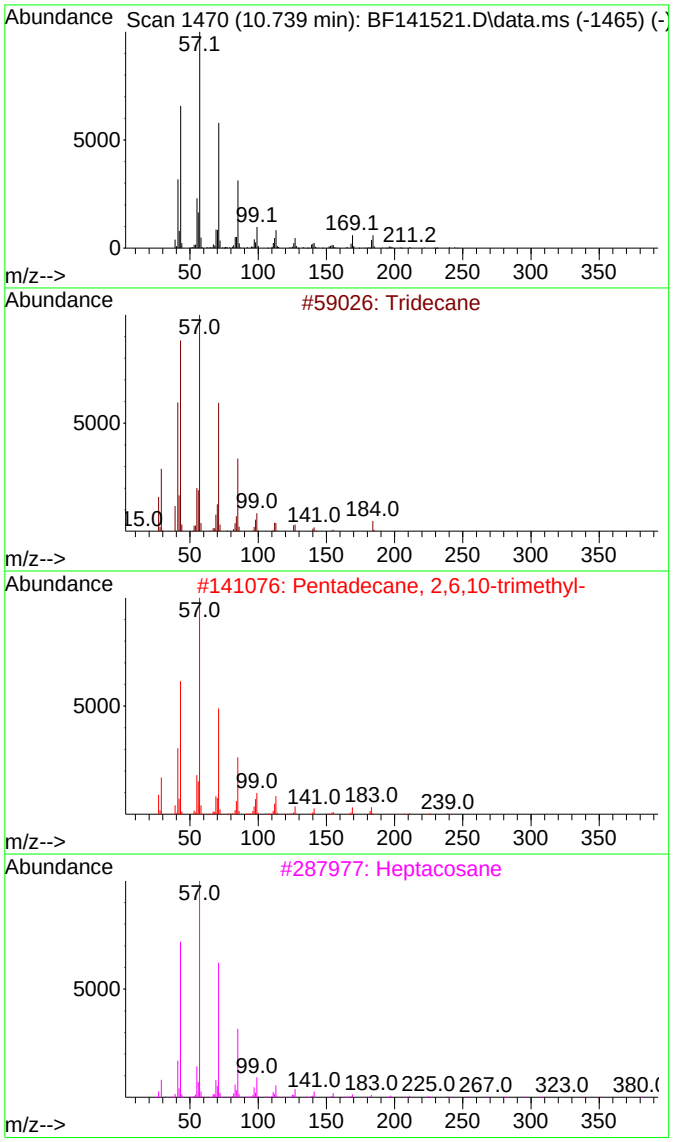
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

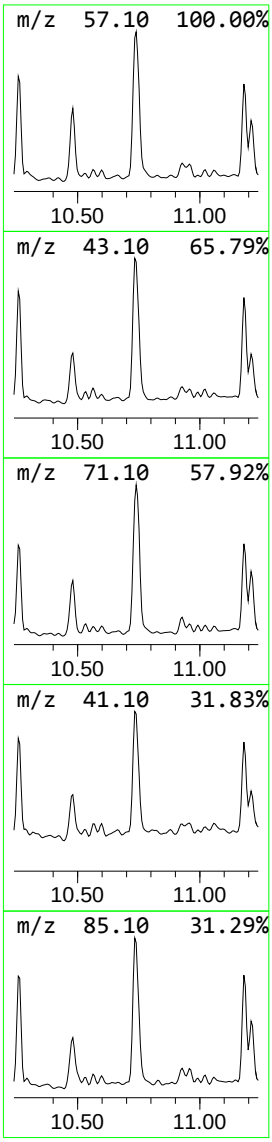
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	18.61 ng	567476	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Dodecane	170	C12H26	000112-40-3	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

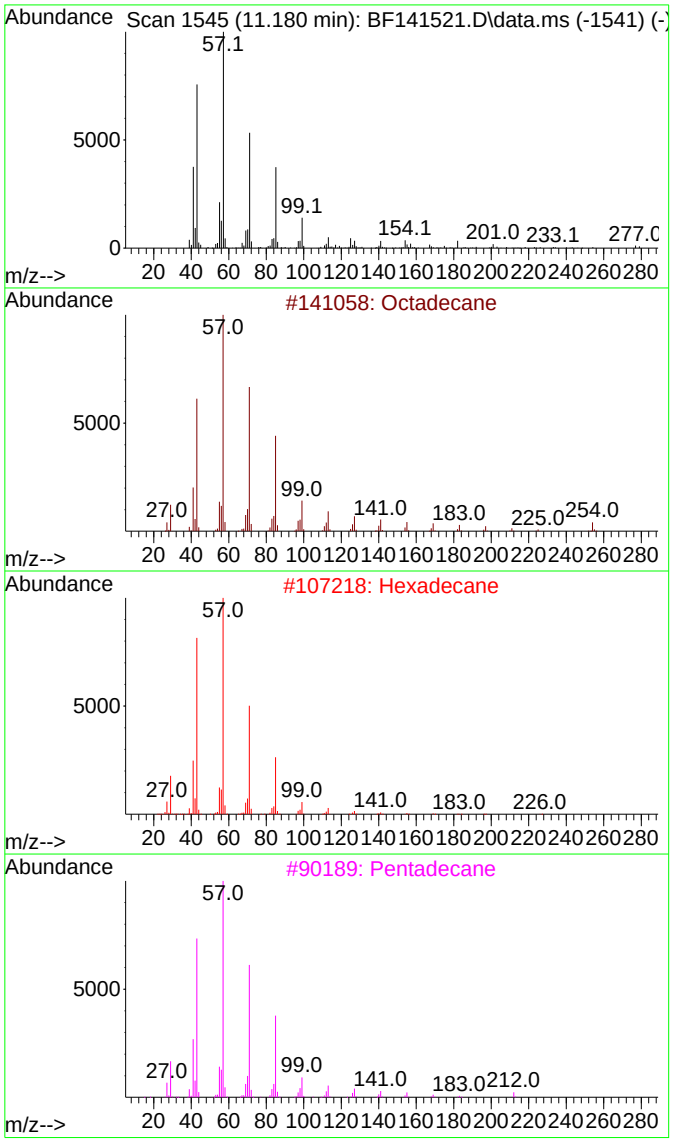
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

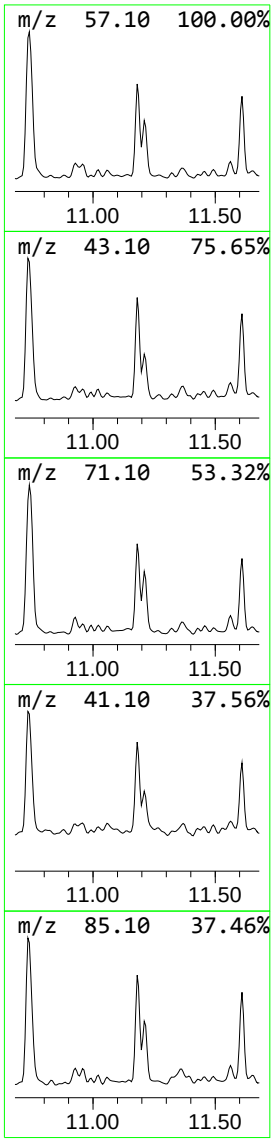
****

Peak Number 10 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	9.39 ng	286330	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Pentadecane	212	C15H32	000629-62-9	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

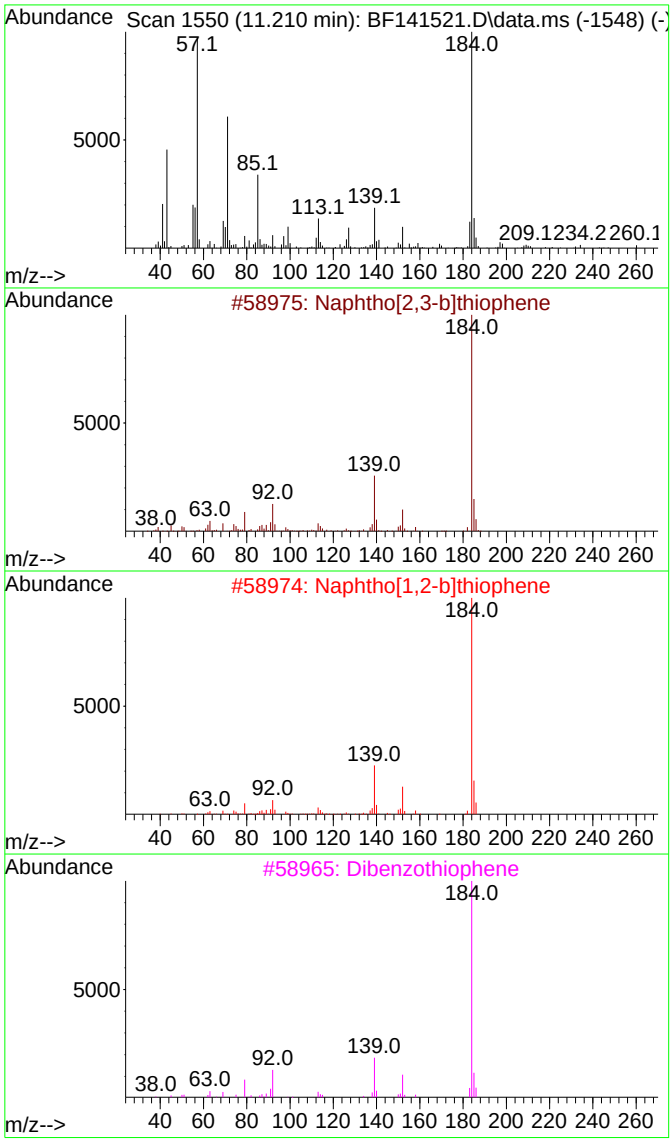
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

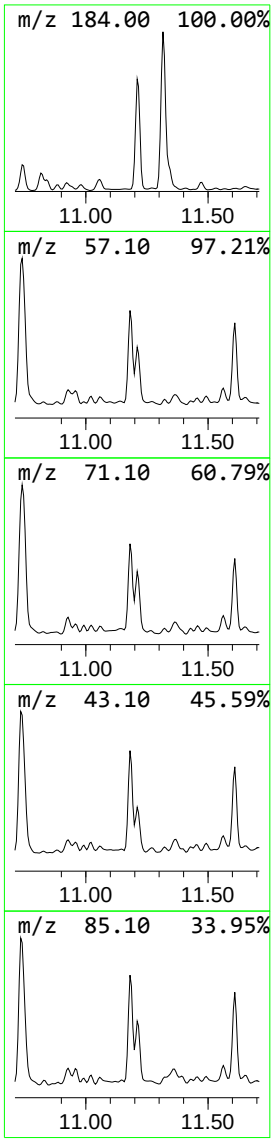
****

Peak Number 11 Naphtho[2,3-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	7.07 ng	215681	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	55
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55
3	Dibenzothiophene	184	C12H8S	000132-65-0	53
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	49
5	1,2-Dihydro-5,6-acenaphthylenedi...	184	C12H12N2	003176-86-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

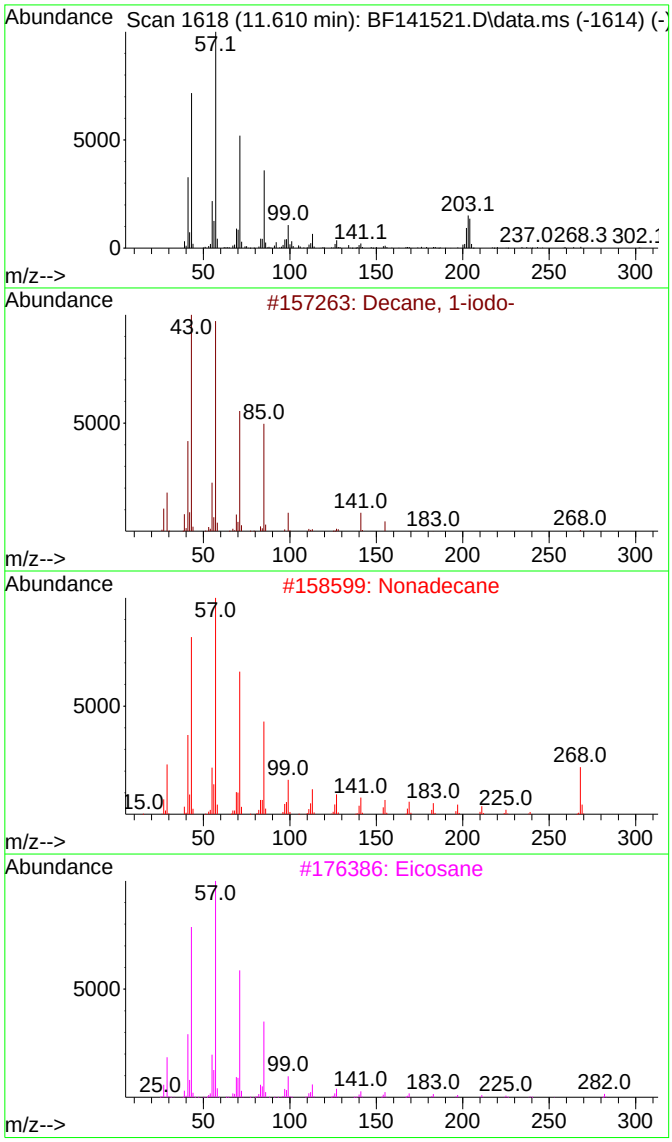
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

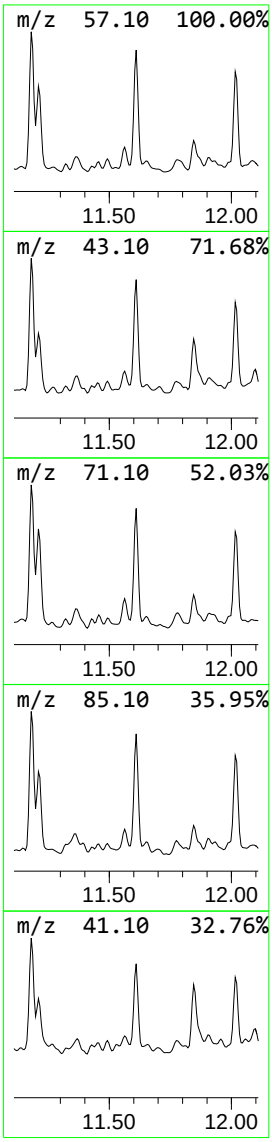
****

Peak Number 12 Decane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	6.58 ng	200779	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	83
2	Nonadecane	268	C19H40	000629-92-5	68
3	Eicosane	282	C20H42	000112-95-8	68
4	Octacosane	394	C28H58	000630-02-4	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

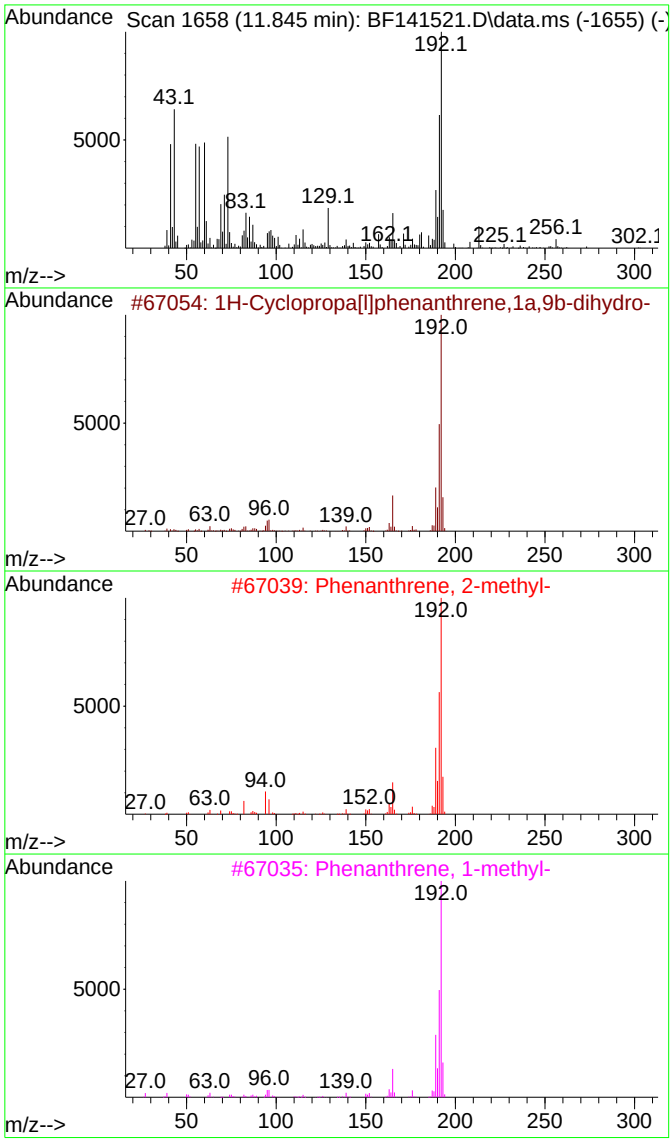
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

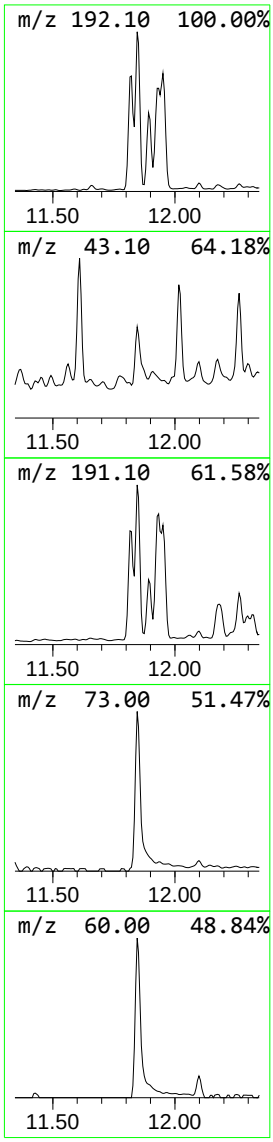
****

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	9.47 ng	288762	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

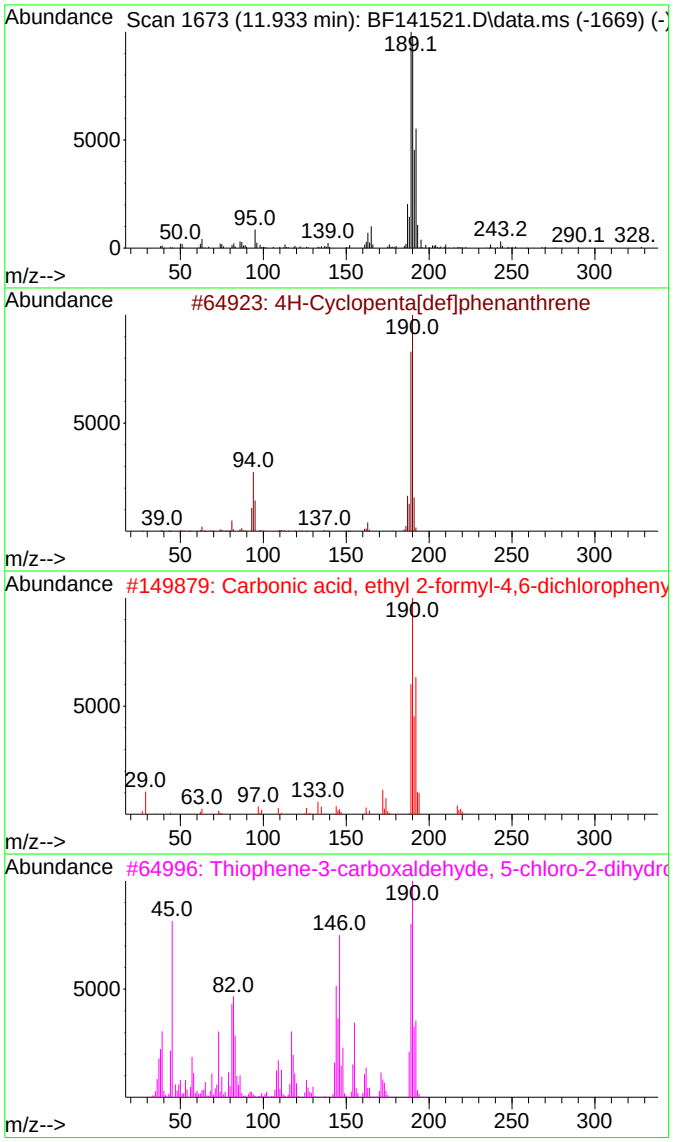
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

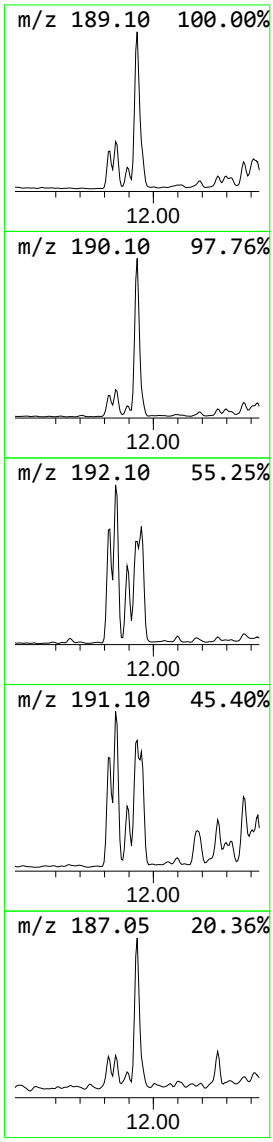
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	12.83 ng	391171	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

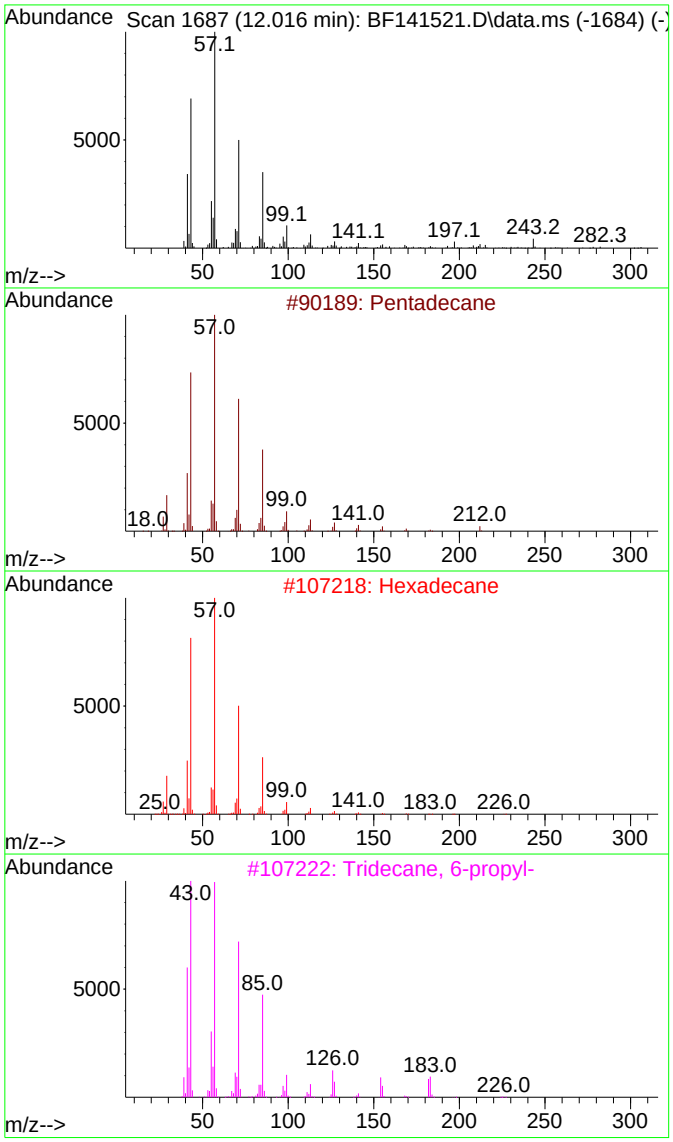
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

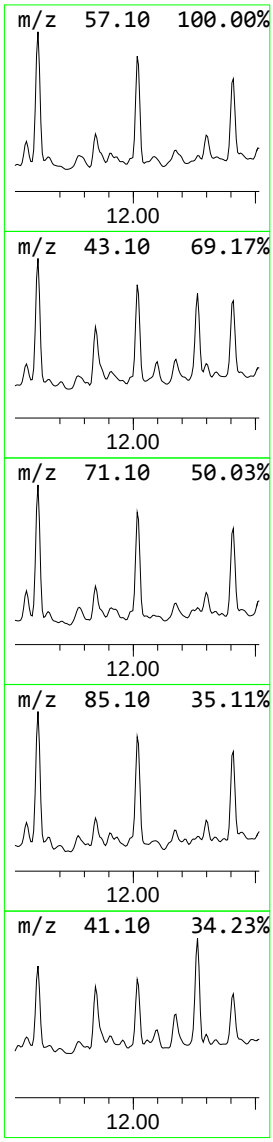
****

Peak Number 15 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	5.57 ng	169995	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5	1-Iodoundecane	282	C11H23I	004282-44-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

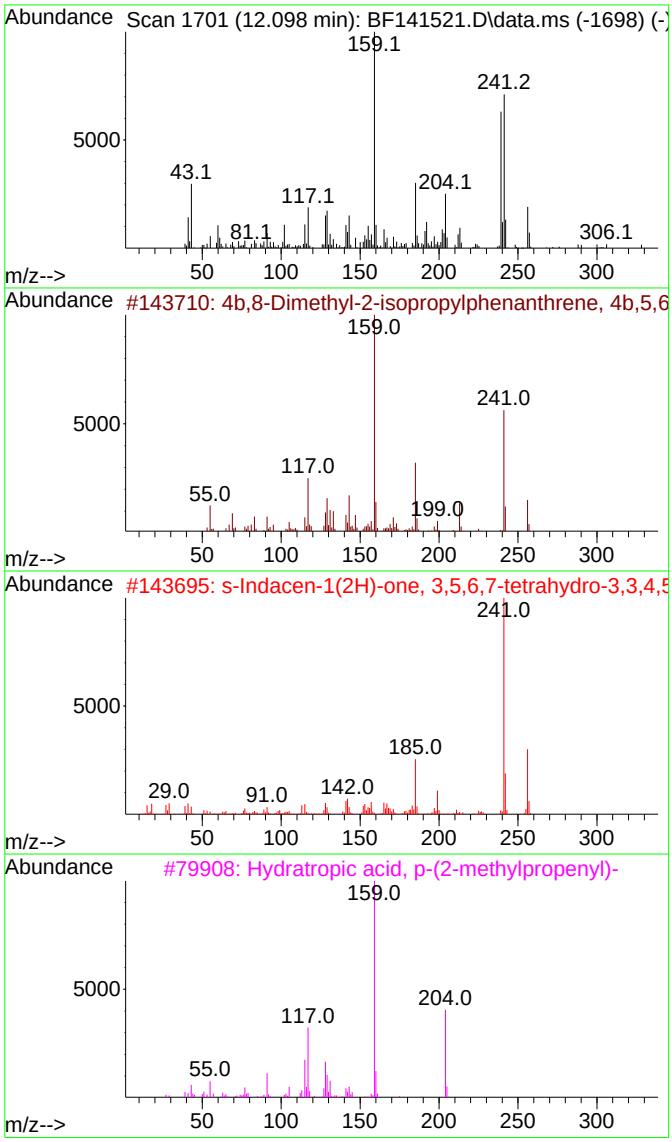
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

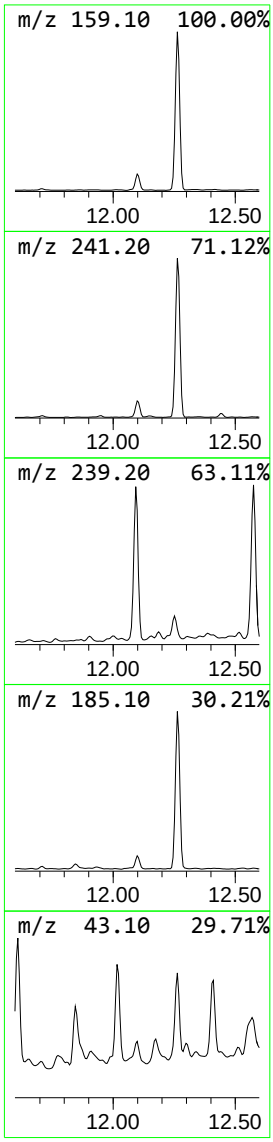
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4b,8-Dimethyl-2-isopropylph... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	4.72 ng	143976	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	83
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35
3	Hydratropic acid, p-(2-methylpro...	204	C13H16O2	075625-99-9	30
4	5-Amino-1-phenylpyrazole	159	C9H9N3	000826-85-7	18
5	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

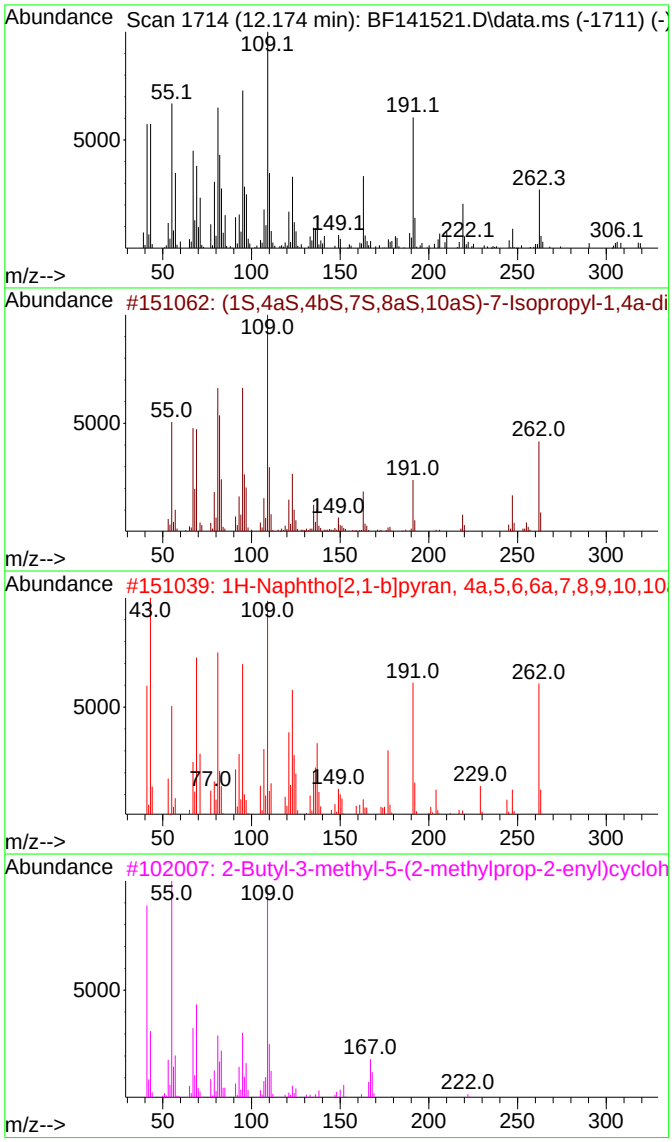
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

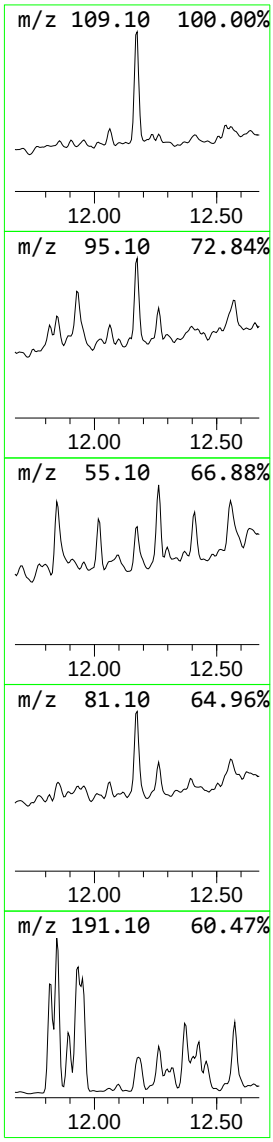
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	5.14 ng	156707	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	90
2	1H-Naphtho[2,1-b]pyran, 4a,5,6,6...	262	C18H30O	005153-92-4	55
3	2-Butyl-3-methyl-5-(2-methylprop...	222	C15H26O	1000281-10-7	41
4	Methoxy(methyl)chlorosilane	110	C2H7ClOSi	018151-27-4	38
5	1H-Indene, 2-butyl-5-hexyloctahy...	264	C19H36	055044-33-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

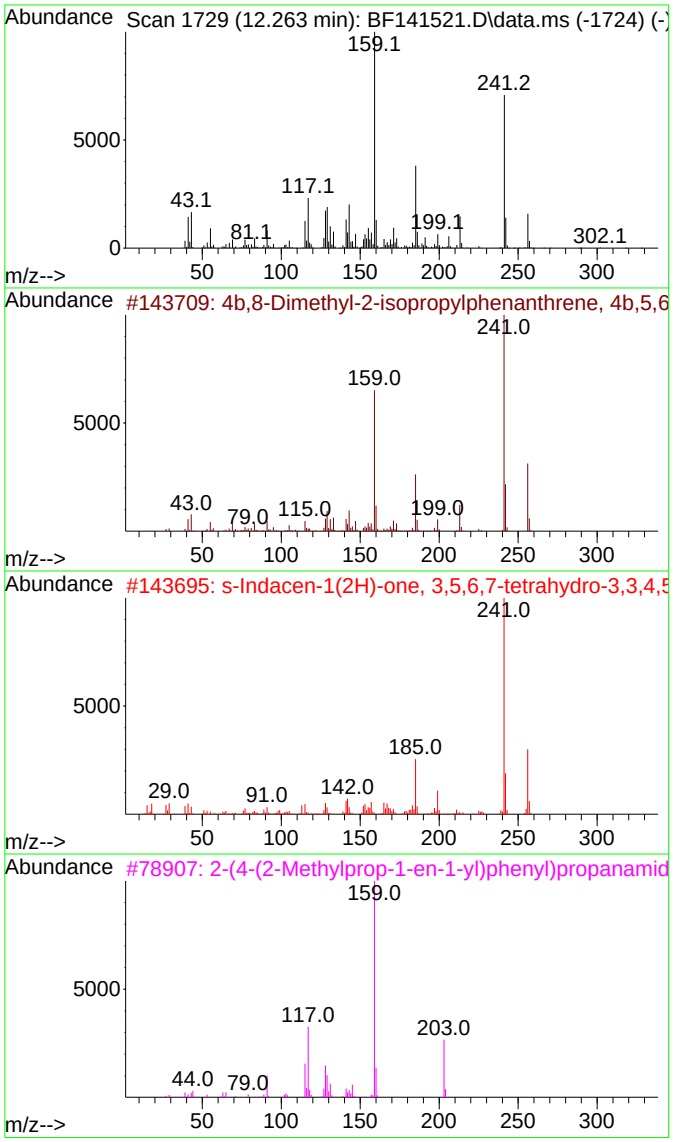
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

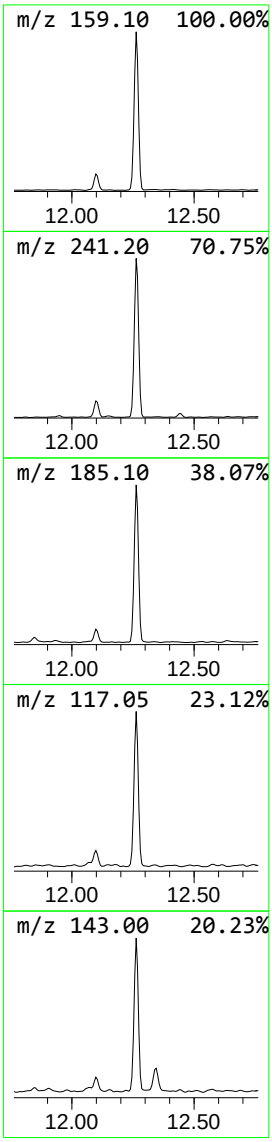
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 s-Indacen-1(2H)-one, 3,5,6,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	31.02 ng	946085	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	60
3	2-(4-(2-Methylprop-1-en-1-yl)phe...	203	C13H17NO	1000466-09-8	42
4	2-Phenylpropionic acid, 4'-(2-me...	218	C14H18O2	1010454-94-3	27
5	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

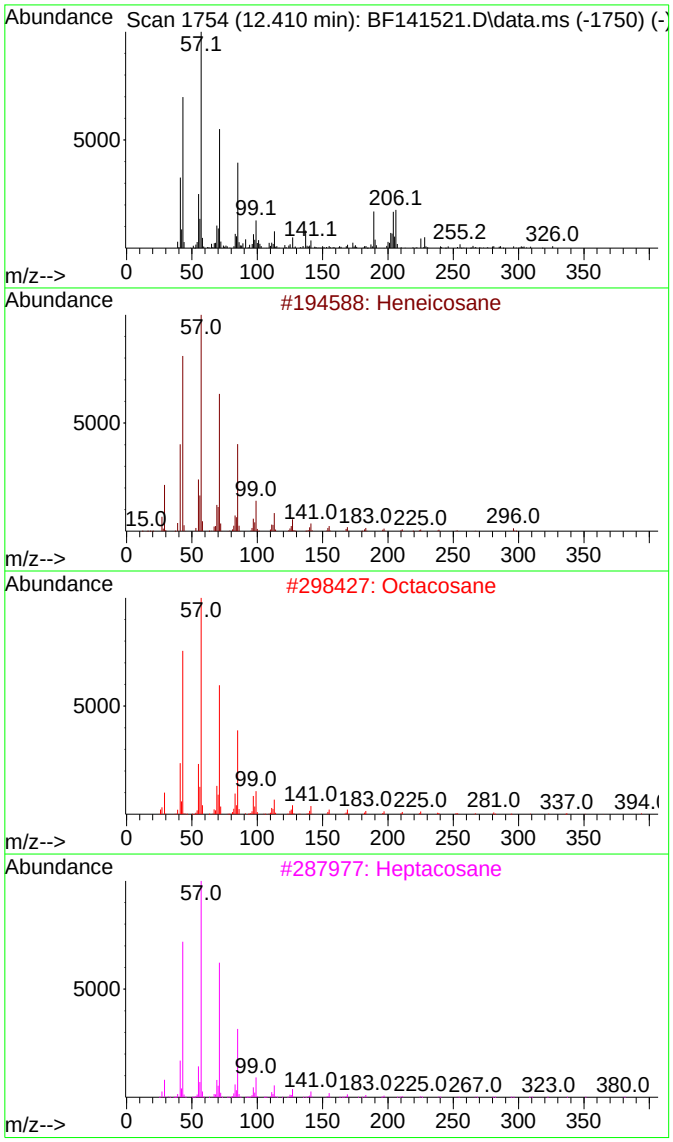
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

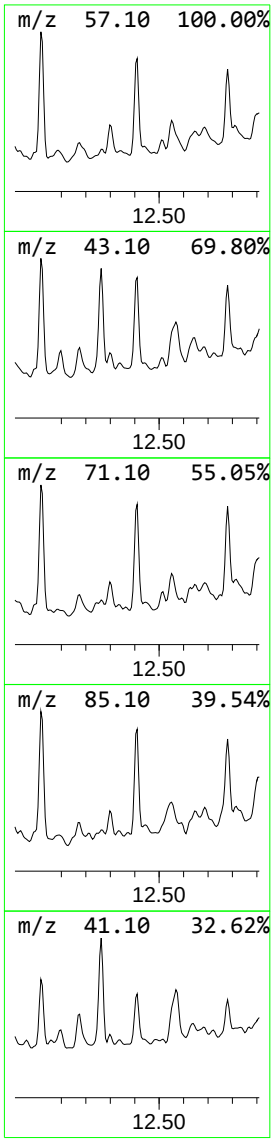
****

Peak Number 19 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	6.73 ng	205254	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octacosane	394	C28H58	000630-02-4	70
3	Heptacosane	380	C27H56	000593-49-7	70
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70
5	Pentadecane	212	C15H32	000629-62-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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

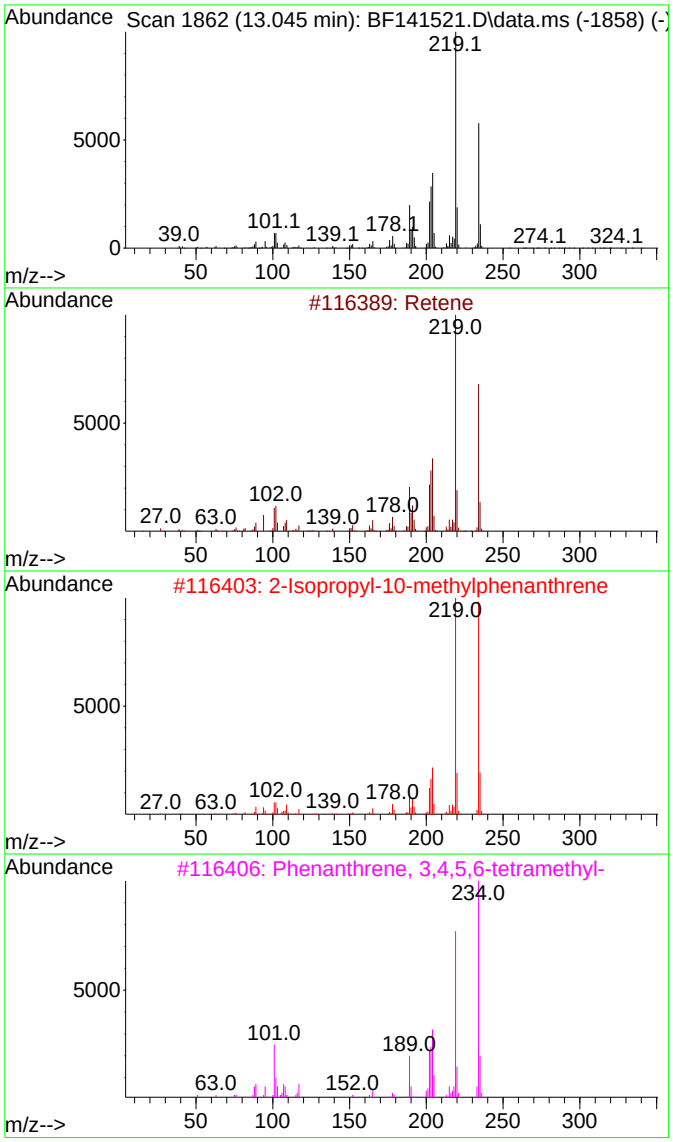
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

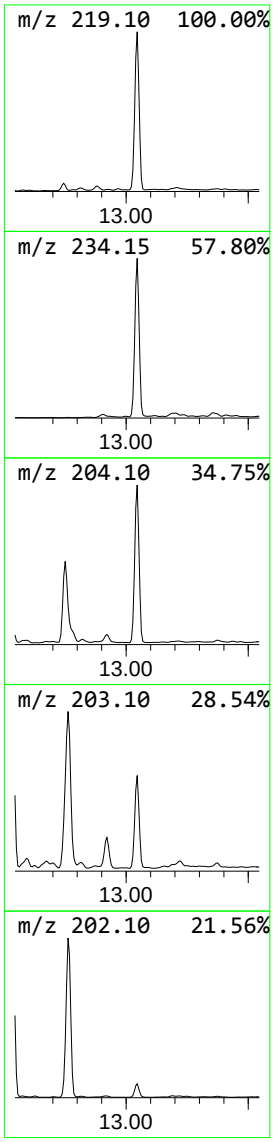
****

Peak Number 20 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	16.29 ng	851383	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141521.D
Acq On : 07 Feb 2025 21:13
Operator : RC/JU
Sample : Q1241-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.2-013025

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
2-Pentanone, 4-...	4.987	13.2	ng	331799	1	6.792	502721	20.0
Tridecane	8.663	5.6	ng	311796	2	8.075	1115140	20.0
Tetradecane	9.228	9.8	ng	330717	3	9.828	674489	20.0
Octadecane, 1-c...	9.545	5.8	ng	194378	3	9.828	674489	20.0
Hexadecane	9.757	7.9	ng	266427	3	9.828	674489	20.0
Nonadecane	10.257	10.1	ng	338932	3	9.828	674489	20.0
Decane, 2,6,8-t...	10.480	5.3	ng	179410	3	9.828	674489	20.0
Benzophenone	10.539	6.3	ng	213810	3	9.828	674489	20.0
Pentadecane, 2,...	10.739	18.6	ng	567476	4	11.316	610002	20.0
Octadecane	11.180	9.4	ng	286330	4	11.316	610002	20.0
Naphtho[2,3-b]t...	11.210	7.1	ng	215681	4	11.316	610002	20.0
Decane, 1-iodo-	11.610	6.6	ng	200779	4	11.316	610002	20.0
1H-Cyclopropa[l...	11.845	9.5	ng	288762	4	11.316	610002	20.0
4H-Cyclopenta[d...	11.933	12.8	ng	391171	4	11.316	610002	20.0
Pentadecane	12.016	5.6	ng	169995	4	11.316	610002	20.0
4b,8-Dimethyl-2...	12.098	4.7	ng	143976	4	11.316	610002	20.0
(1S,4aS,4bS,7S,...	12.175	5.1	ng	156707	4	11.316	610002	20.0
s-Indacen-1(2H)...	12.263	31.0	ng	946085	4	11.316	610002	20.0
Heneicosane	12.410	6.7	ng	205254	4	11.316	610002	20.0
Retene	13.045	16.3	ng	851383	5	13.963	1045280	20.0