LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	190	195	208	rBV	6910	24343	1.01%	0.102%
2	5.428	557	567	577	rBV	306784	406296	16.78%	1.698%
3	6.439	734	739	748	rBV	276523	369568	15.26%	1.544%
4	6.663	771	777	781	rBV3	15281	24716	1.02%	0.103%
5	6.828	800	805	811	rBV	799127	971357	40.11%	4.059%
6	7.104	840	852	855	rBV6	12965	25922	1.07%	0.108%
7	7.381	891	899	904	rBV	171739	246409	10.17%	1.030%
8	7.428	904	907	910	rVV	33164	40354	1.67%	0.169%
9	7.634	939	942	950	rVB4	13985	24291	1.00%	0.102%
10	7.851	972	979	985	rBV3	21545	51000	2.11%	0.213%
11	8.110	1010	1023	1030	rBV2	947668	1452625	59.98%	6.070%
12	8.169	1030	1033	1037	rVB3	23646	32615	1.35%	0.136%
13	8.404	1067	1073	1079	rBV8	20064	37837	1.56%	0.158%
14	8.528	1091	1094	1100	rBV	27300	44183	1.82%	0.185%
15	8.610	1105	1108	1112	rBV2	20159	25011	1.03%	0.105%
16	8.698	1119	1123	1128	rBV	73396	88603	3.66%	0.370%
17	8.822	1139	1144	1148	rVB	103929	137770	5.69%	0.576%
18	8.916	1156	1160	1168	rVB	126365	168313	6.95%	0.703%
19	9.128	1193	1196	1200	rVB3	27624	35382	1.46%	0.148%
20	9.180	1200	1205	1210	rBV	310377	377238	15.58%	1.576%
21	9.263	1215	1219	1226	rBV2	89729	154062	6.36%	0.644%
22	9.380	1236	1239	1244	rVB	28286	39464	1.63%	0.165%
23	9.445	1245	1250	1255	rBV	73087	120343	4.97%	0.503%
24	9.522	1258	1263	1265	rBV	95477	136401	5.63%	0.570%
25	9.580	1270	1273	1279	rVV3	55003	102958	4.25%	0.430%
26	9.639	1279	1283	1289	rVV	59004	96058	3.97%	0.401%
27	9.722	1293	1297	1302	rVB	53220	68507	2.83%	0.286%
28	9.792	1303	1309	1313	rBV	72568	102677	4.24%	0.429%
29	9.863	1314	1321	1324	rVV	859046	1156949	47.77%	4.834%
30	9.892	1324	1326	1331	rVV	244909	290099	11.98%	1.212%
31	9.969	1335	1339	1343	rVB2	25079	34226	1.41%	0.143%
32	10.022	1343	1348	1350	rBV3	23351	40003	1.65%	0.167%
33	10.063	1351	1355	1359	rVV	177008	241533	9.97%	1.009%
34	10.104	1359	1362	1369	rVB5	33308	63135	2.61%	0.264%
35	10.175	1371	1374	1377	rBV2	30738	40881	1.69%	0.171%
36	10.292	1386	1394	1400	rBV3	74746	137632	5.68%	0.575%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.410	1409	1414	1419	rBV	259081	342963	14.16%	1.433%
38	10.498	1420	1429	1430	rBV3	42728	98255	4.06%	0.411%
39	10.569	1437	1441	1445	rVB2	65988	90543	3.74%	0.378%
40	10.645	1449	1454	1459	rBV	213524	294386	12.16%	1.230%
41	10.774	1471	1476	1482	rBV	100196	166325	6.87%	0.695%
42	10.957	1502	1507	1509	rBV2	57561	88039	3.64%	0.368%
43	11.039	1518	1521	1524	rVB	29601	34447	1.42%	0.144%
44	11.216	1544	1551	1553	rBV2	64555	117869	4.87%	0.493%
45	11.245	1553	1556	1562	rVB2	123868	167131	6.90%	0.698%
46	11.345	1568	1573	1575	rBV	852871	1152544	47.59%	4.816%
47	11.369	1575	1577	1582	rVV	1297251	1579275	65.21%	6.599%
48	11.422	1582	1586	1590	rVV	397881	503239	20.78%	2.103%
49	11.457	1590	1592	1596	rVB2	31045	35489	1.47%	0.148%
50	11.574	1607	1612	1620	rBV	105939	180874	7.47%	0.756%
51	11.645	1620	1624	1627	rBV	67839	97841	4.04%	0.409%
52	11.745	1636	1641	1648	rVB	450756	584324	24.13%	2.442%
53	11.851	1655	1659	1661	rBV	135634	199112	8.22%	0.832%
54	11.874	1661	1663	1667	rVV	224178	253016	10.45%	1.057%
55	11.921	1668	1671	1674	rVV	72201	91362	3.77%	0.382%
56	11.963	1674	1678	1686	rVB2	324368	560583	23.15%	2.342%
57	12.051	1690	1693	1696	rBV	44559	51931	2.14%	0.217%
58	12.145	1705	1709	1717	rVB3	103977	170968	7.06%	0.714%
59	12.398	1748	1752	1754	rBV	103965	141915	5.86%	0.593%
60	12.433	1754	1758	1759	rBV	1040008	1202175	49.64%	5.023%
61	12.563	1772	1780	1793	rBV	1502733	2421749	100.00%	10.119%
62	12.792	1812	1819	1825	rBV	1188998	1908937	78.82%	7.977%
63	12.933	1839	1843	1850	rVB	359937	513601	21.21%	2.146%
64	13.116	1871	1874	1878	rVB	194943	257973	10.65%	1.078%
65	13.186	1882	1886	1889	rVV2	181985	232587	9.60%	0.972%
66	13.986	2017	2022	2025	rBV2	900288	1468216	60.63%	6.135%
67	15.033	2196	2200	2209	rVB	309318	687364	28.38%	2.872%
68	15.392	2258	2261	2266	rVB	219138	288408	11.91%	1.205%
69	15.457	2268	2272	2276	rBV	362522	539761	22.29%	2.255%

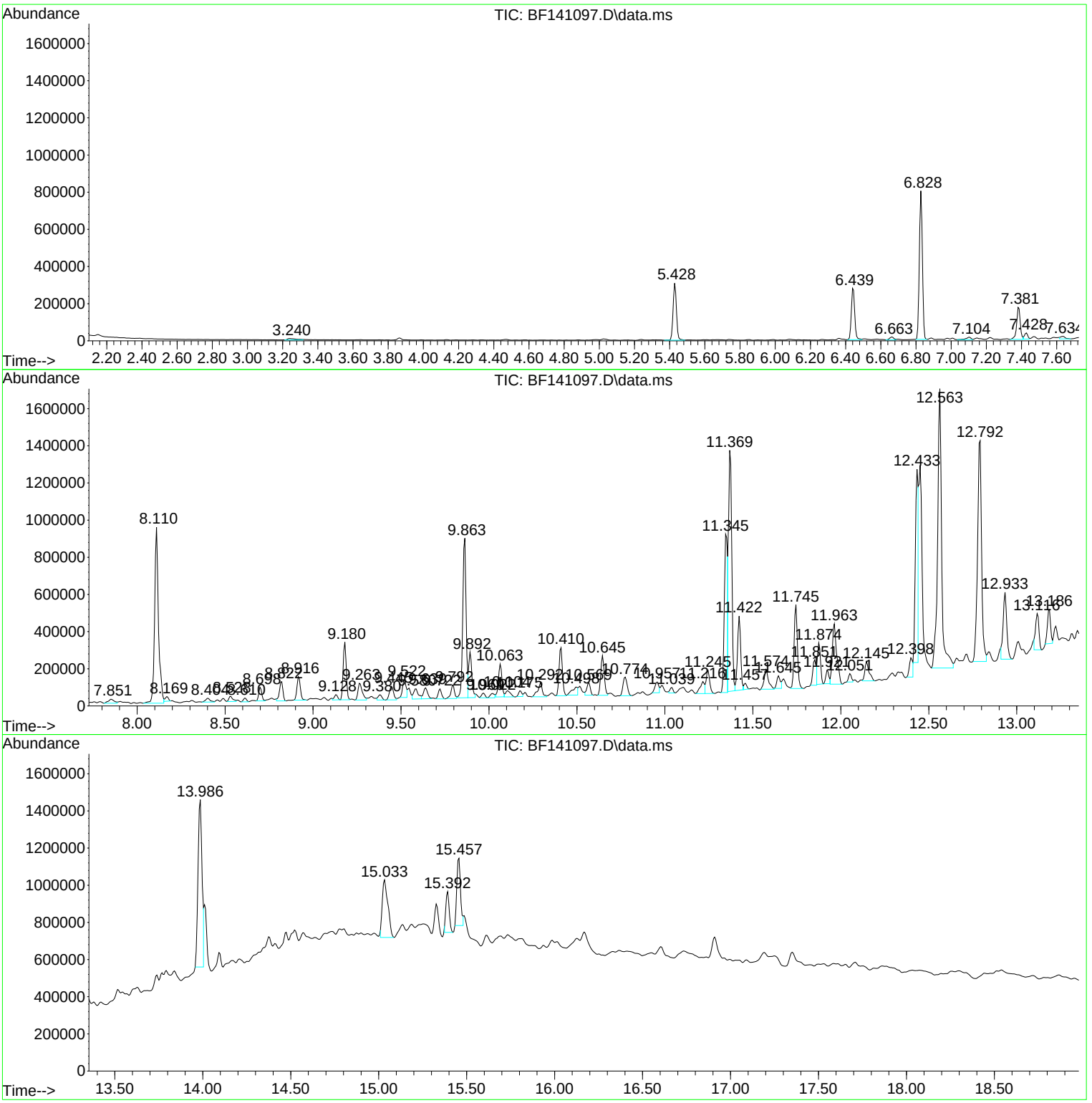
Sum of corrected areas: 23931963

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

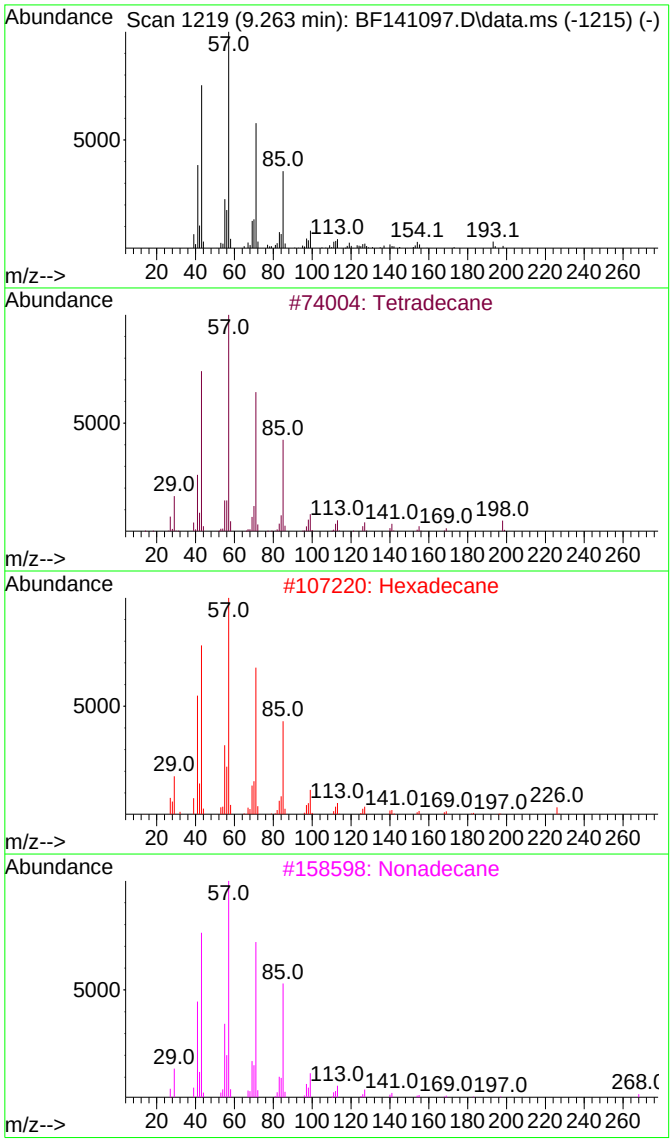
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

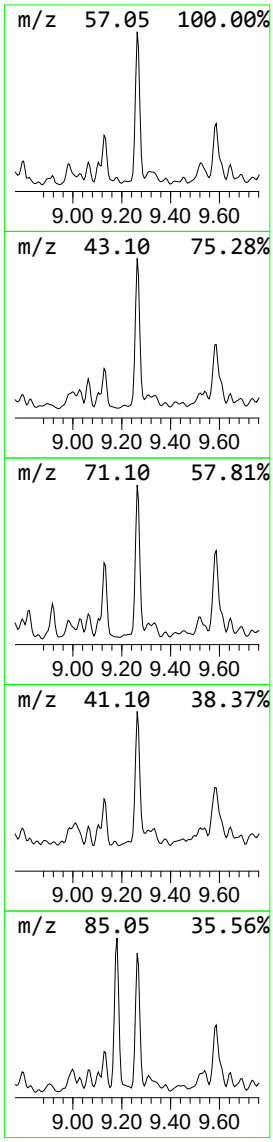
****

Peak Number 1 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	2.66 ng	154062	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

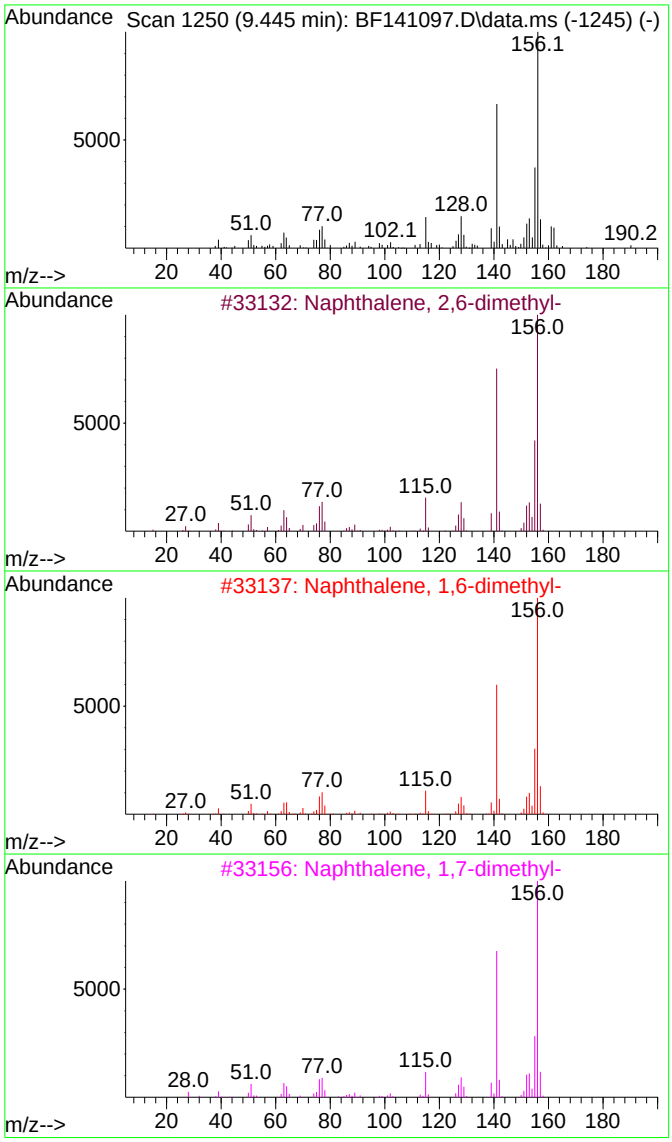
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

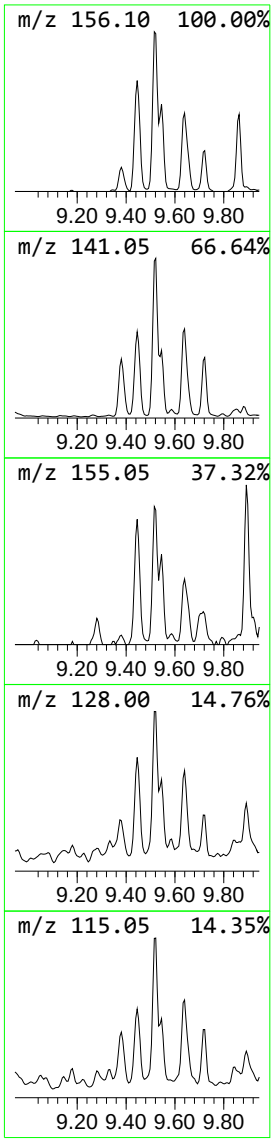
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	2.08 ng	120343	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

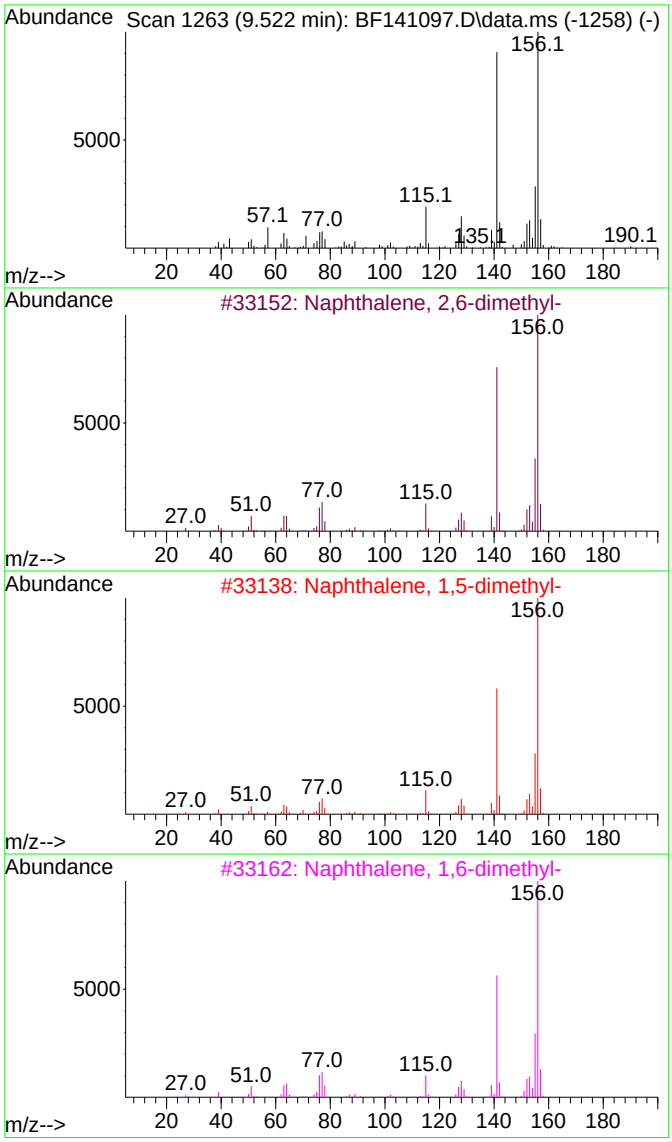
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

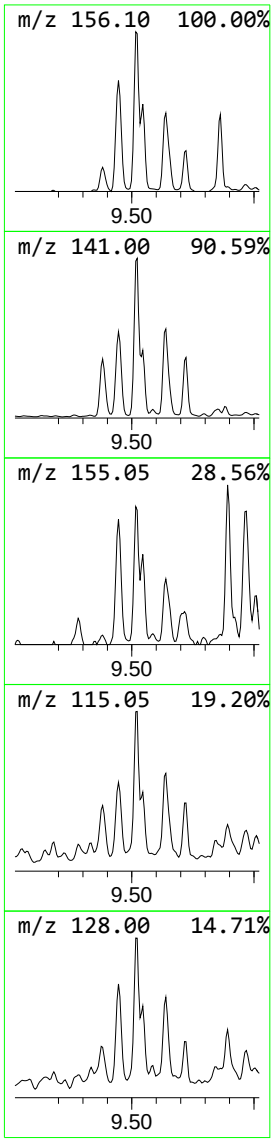
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	2.36 ng	136401	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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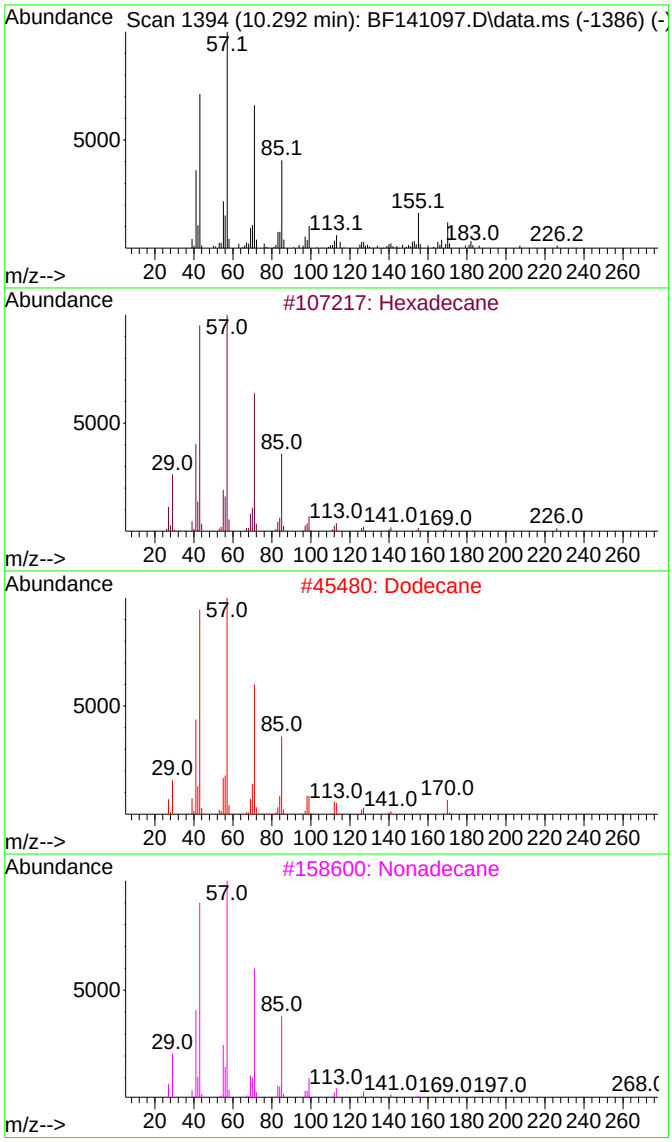
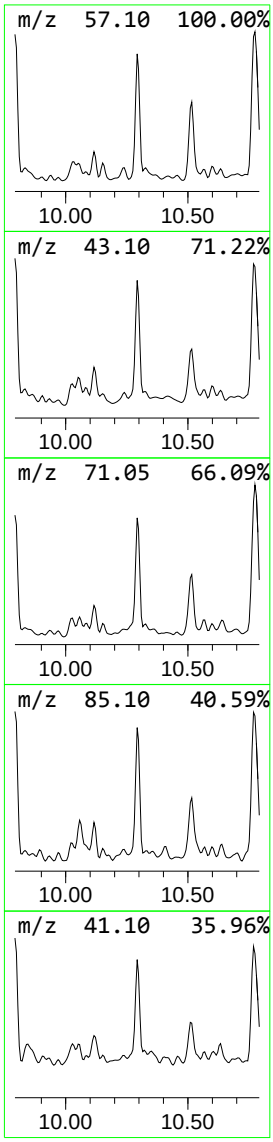
Peak Number 4 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	2.38 ng	137632	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Dodecane	170	C12H26	000112-40-3	87
3	Nonadecane	268	C19H40	000629-92-5	81
4	Eicosane	282	C20H42	000112-95-8	74
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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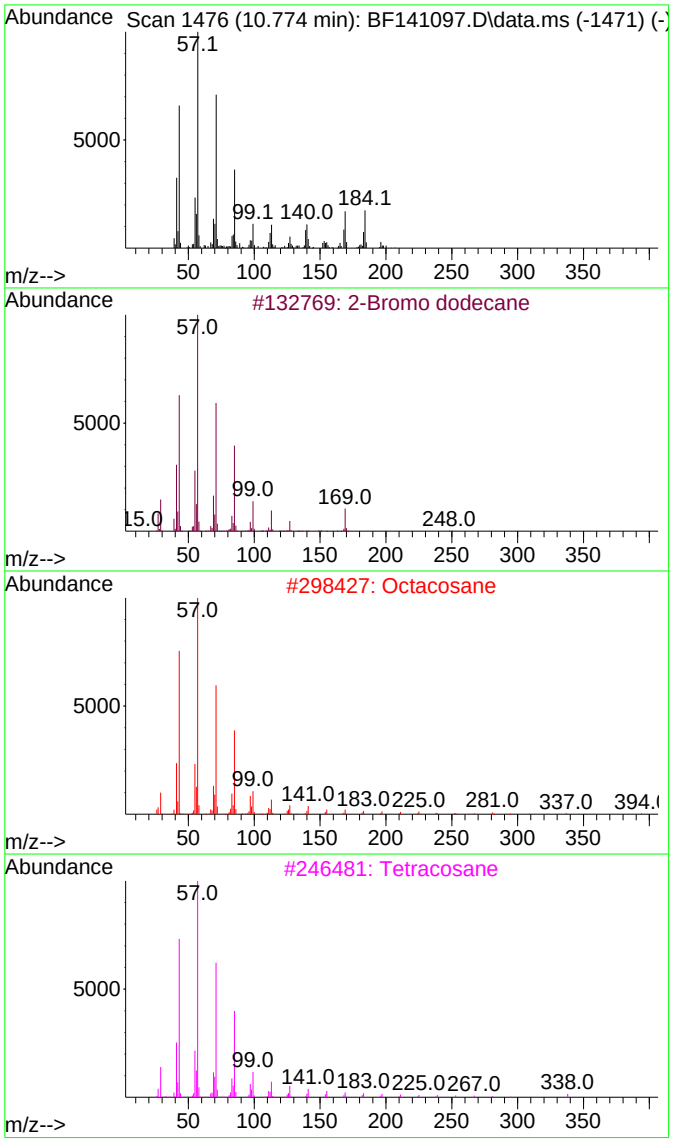
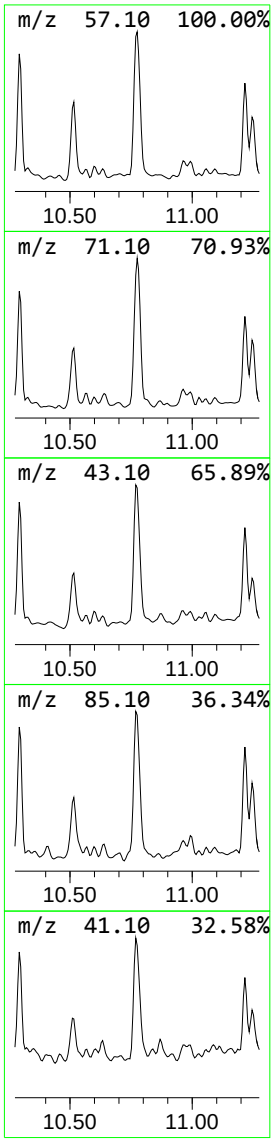
Peak Number 5 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	2.89 ng	166325	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	74
2	Octacosane	394	C28H58	000630-02-4	68
3	Tetracosane	338	C24H50	000646-31-1	68
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
5	Heptacosane	380	C27H56	000593-49-7	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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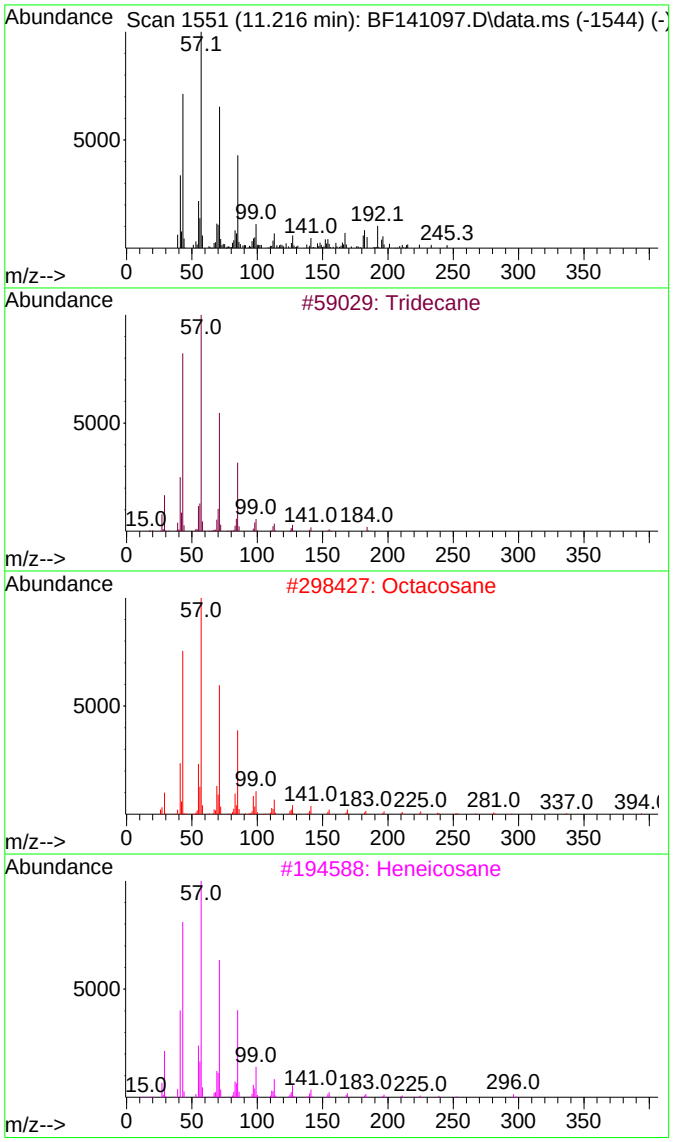
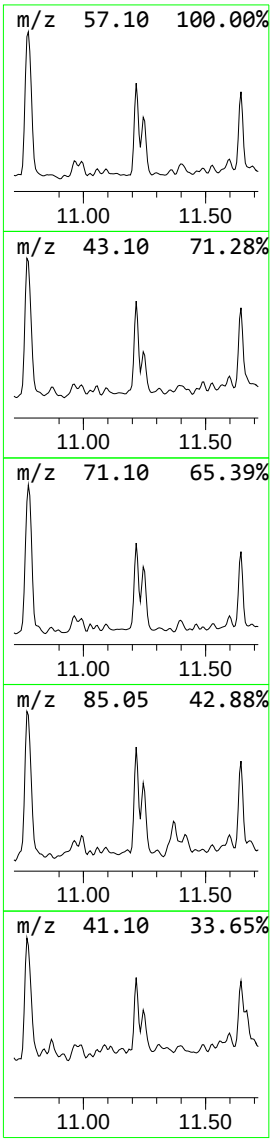
Peak Number 6 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	2.05 ng	117869	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Octacosane	394	C28H58	000630-02-4	81
3	Heneicosane	296	C21H44	000629-94-7	81
4	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	81
5	Hexacosane	366	C26H54	000630-01-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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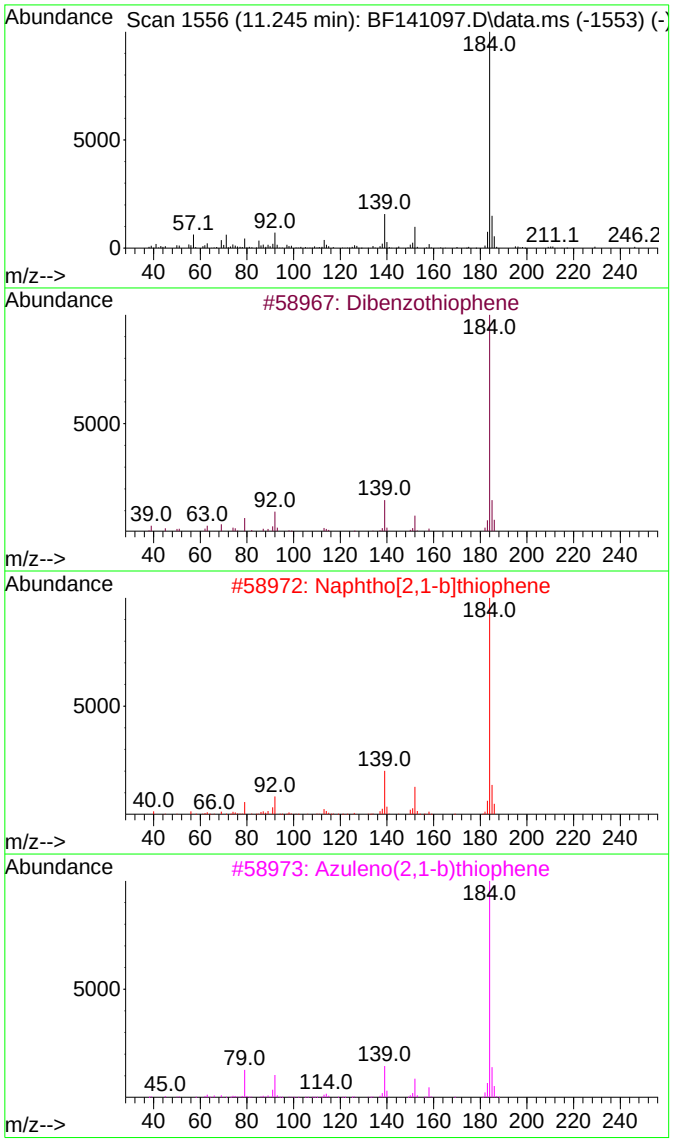
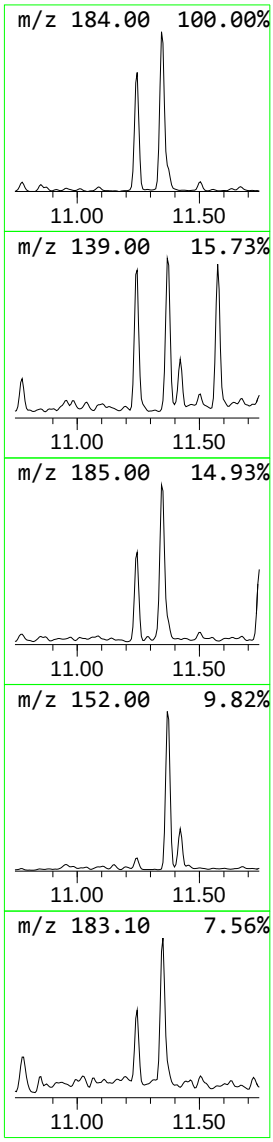
Peak Number 7 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	2.90 ng	167131	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





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Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

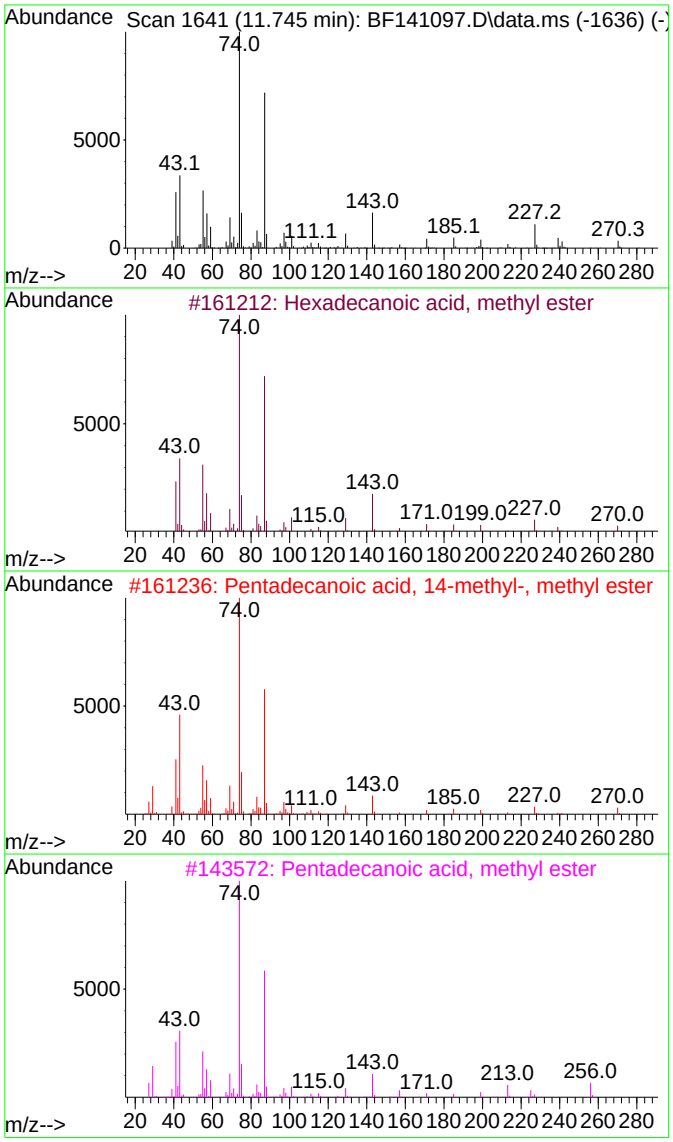
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

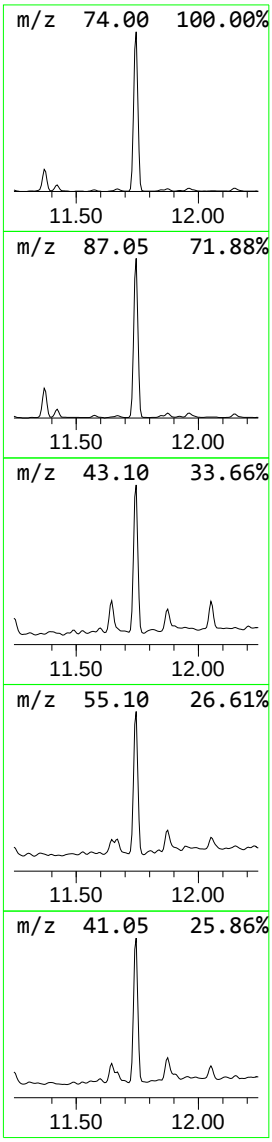
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	10.14 ng	584324	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





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Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

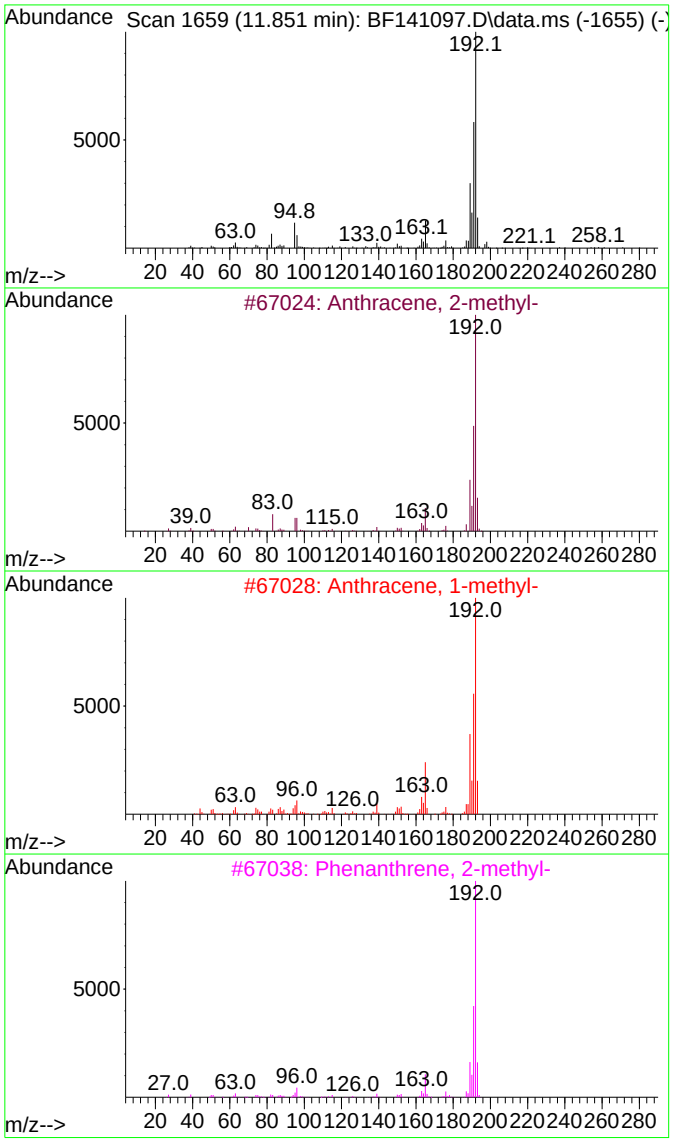
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

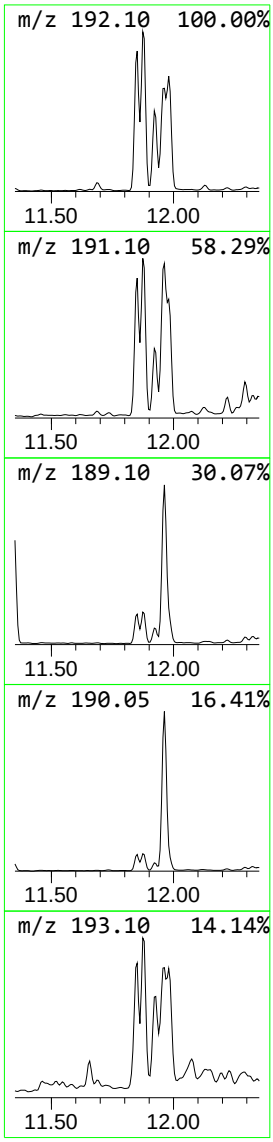
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.46 ng	199112	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

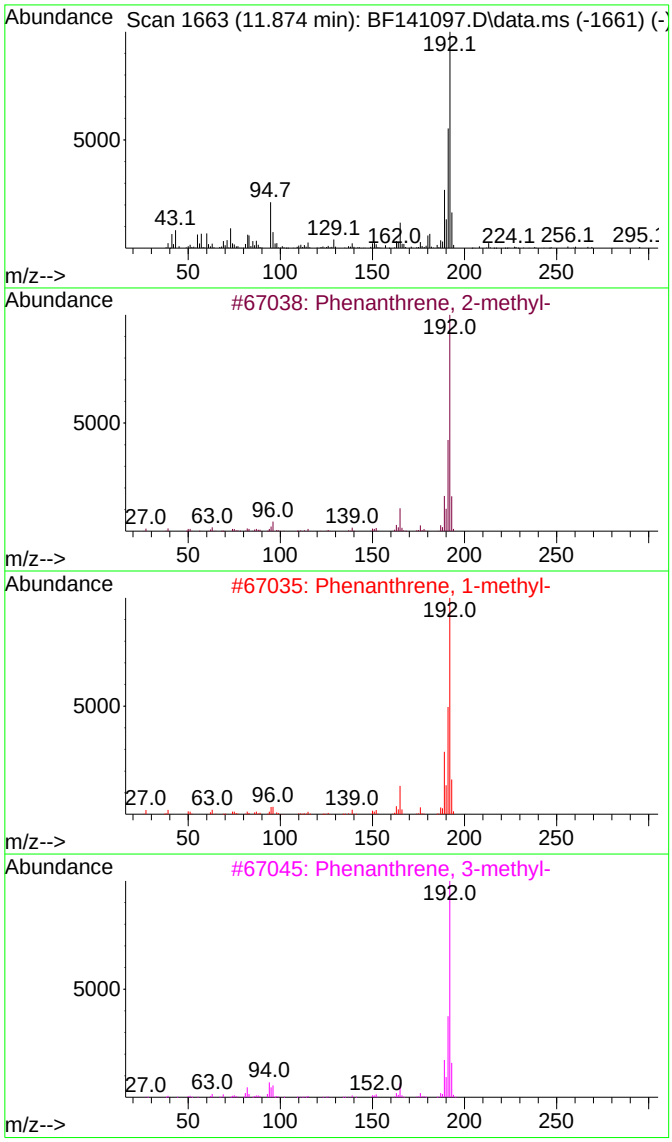
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

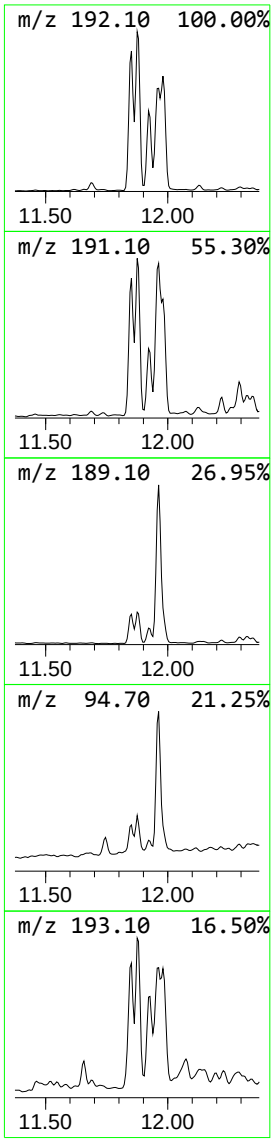
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	4.39 ng	253016	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

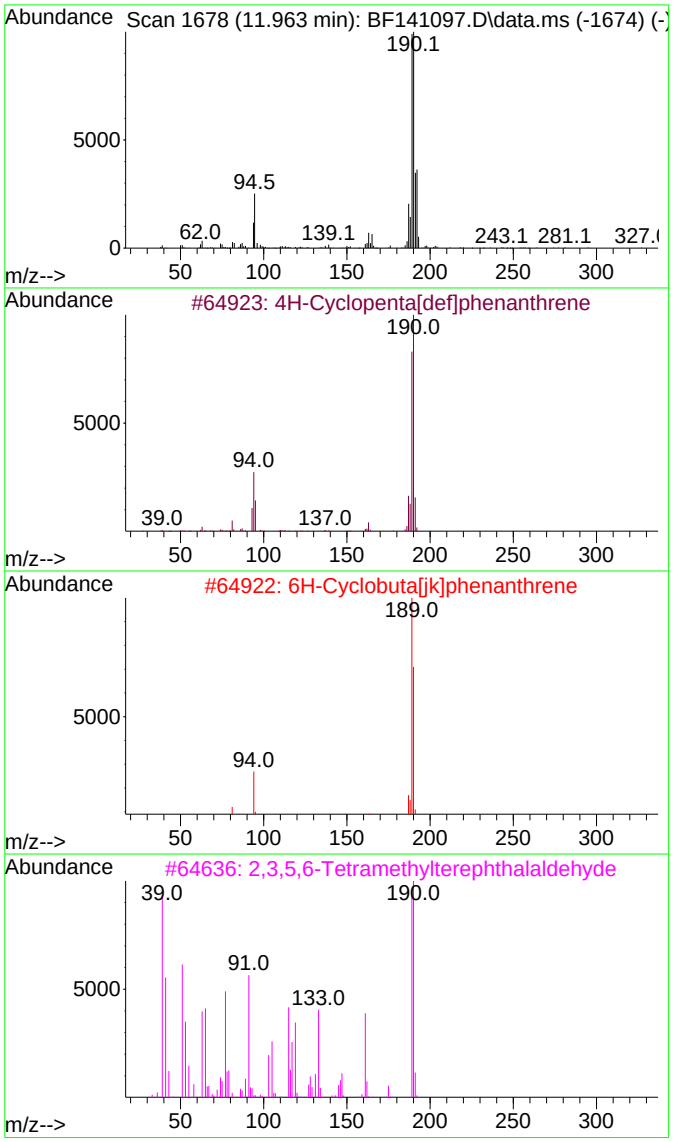
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

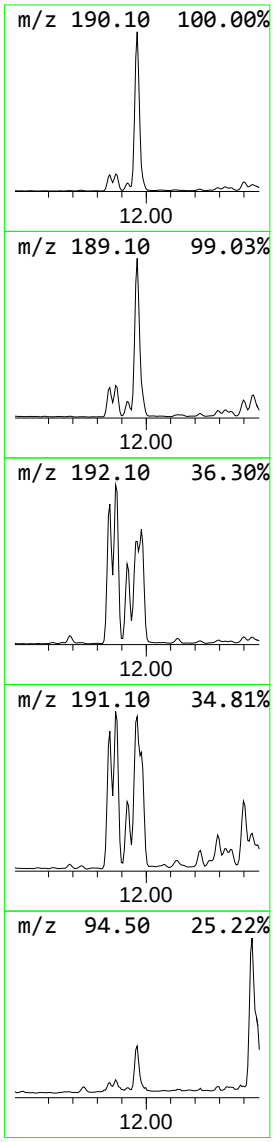
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	9.73 ng	560583	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

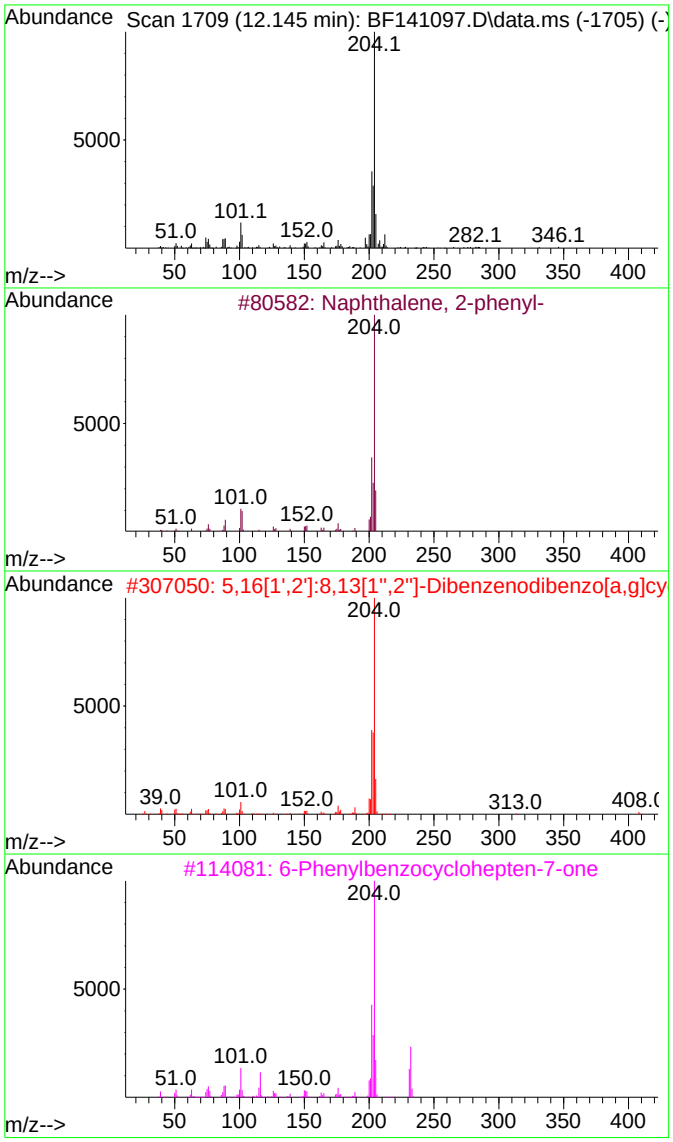
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

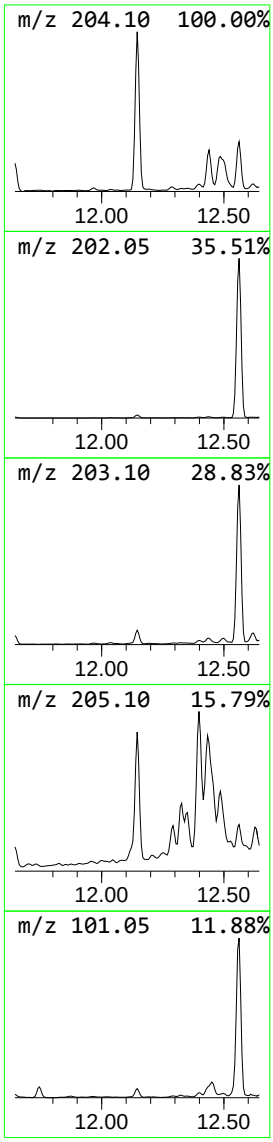
****

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	2.97 ng	170968	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60





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Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

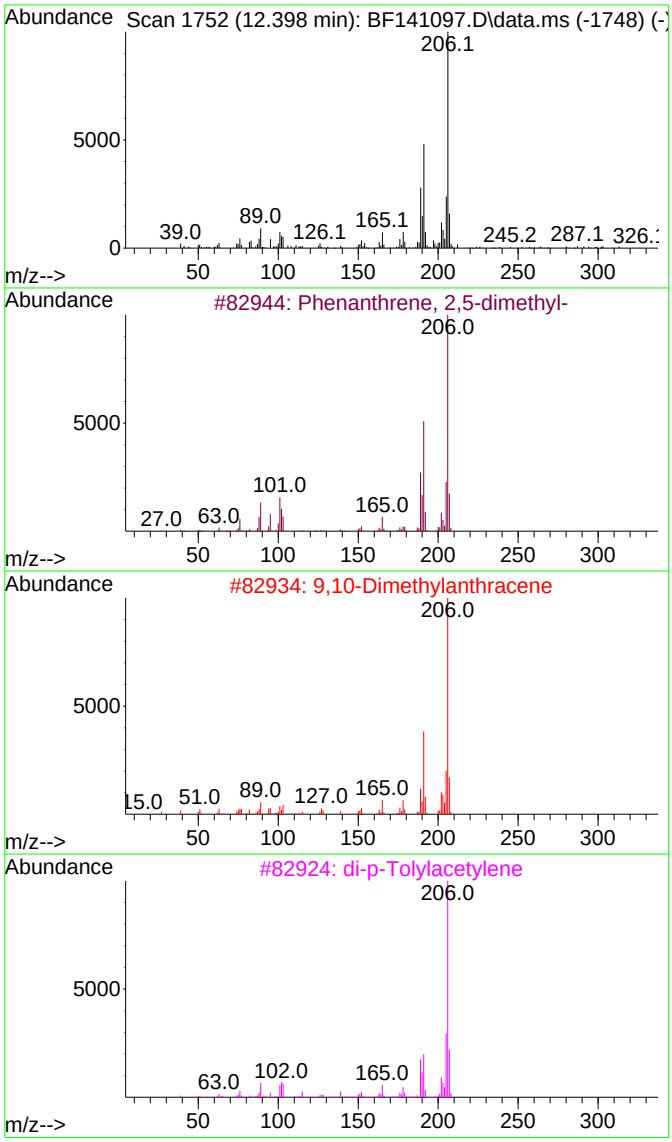
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

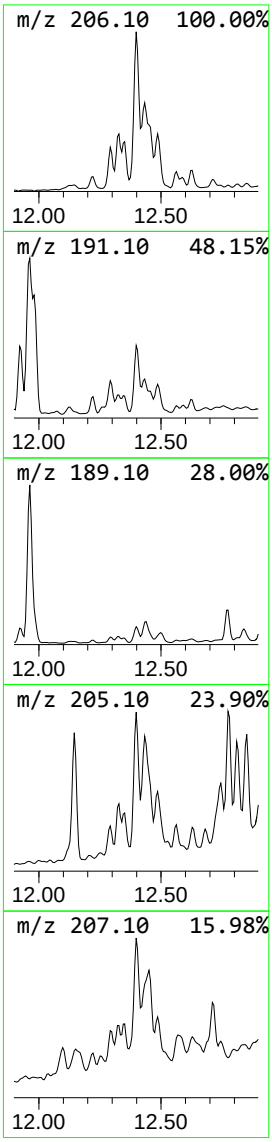
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	2.46 ng	141915	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

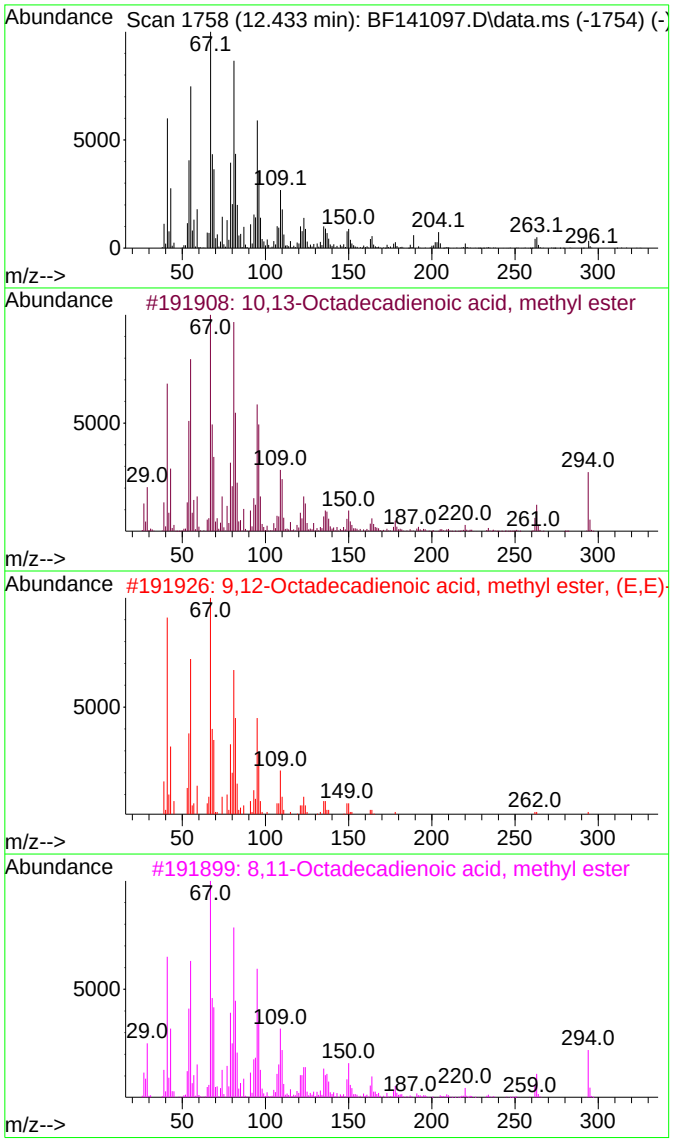
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

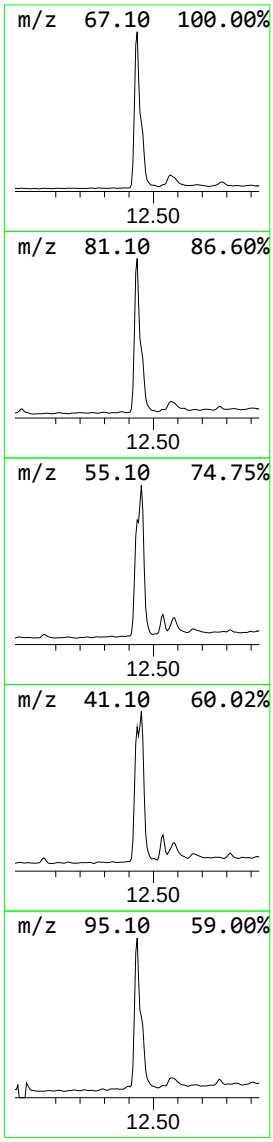
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	20.86 ng	1202180	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

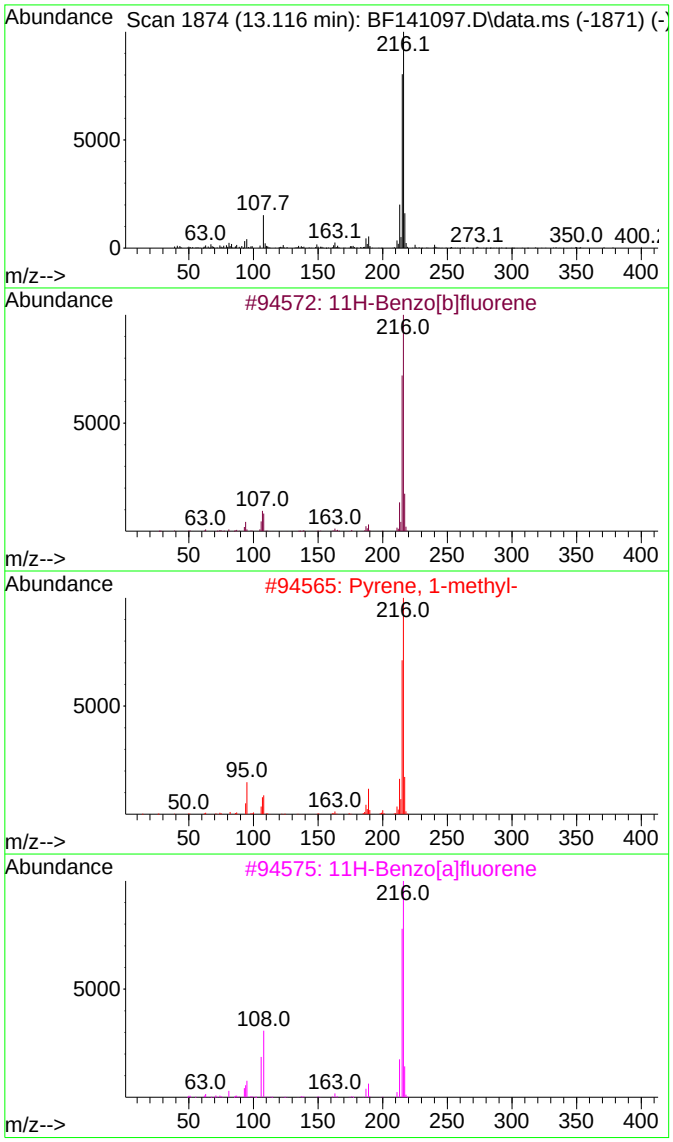
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

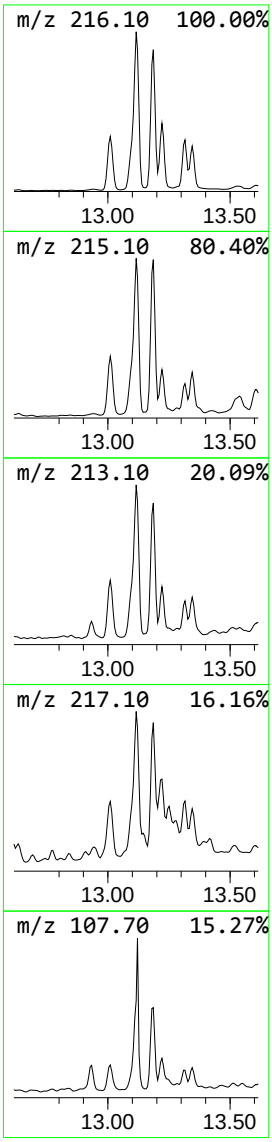
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	3.51 ng	257973	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

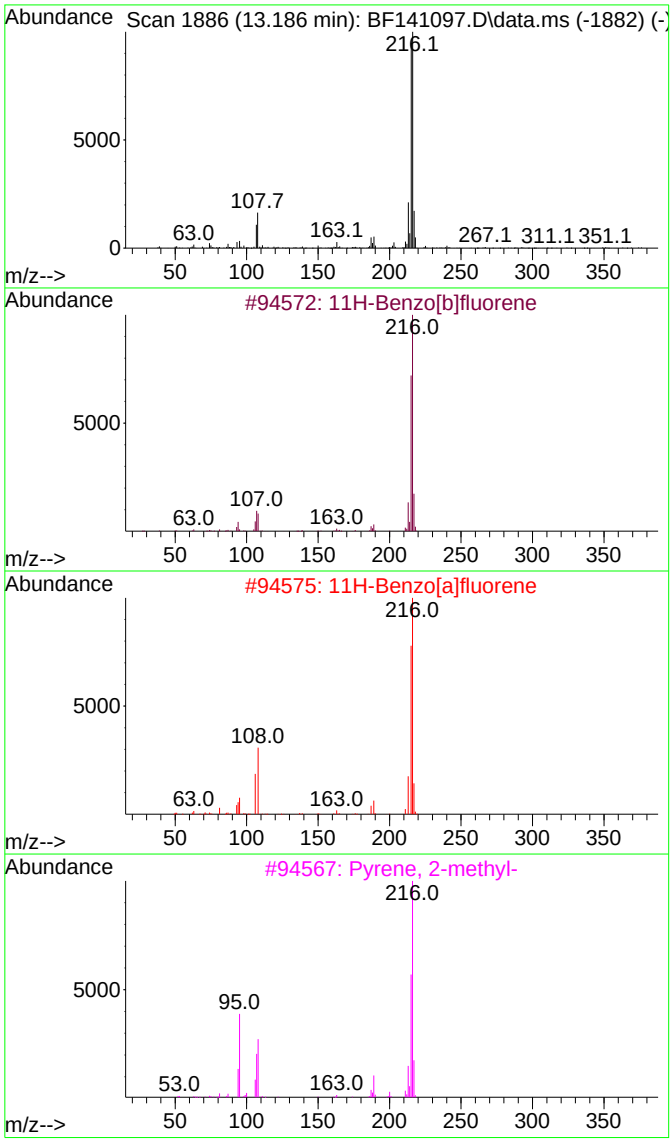
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

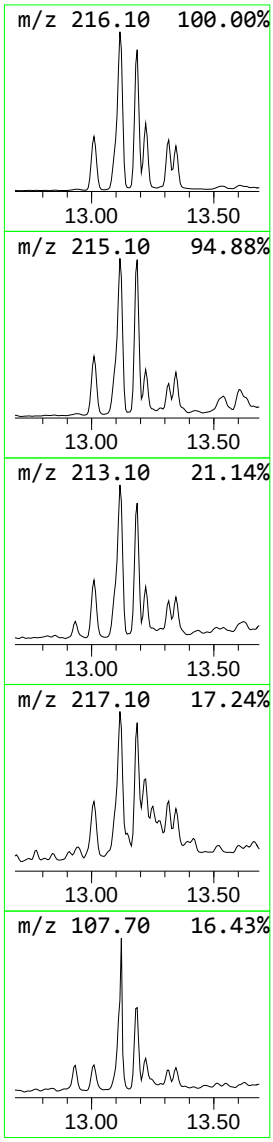
****

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	3.17 ng	232587	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141097.D
Acq On : 08 Jan 2025 21:08
Operator : RC/JU
Sample : Q1028-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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
Tetradecane	9.263	2.7	ng	154062	3	9.863	1156950	20.0
Naphthalene, 2,...	9.445	2.1	ng	120343	3	9.863	1156950	20.0
Naphthalene, 1,...	9.522	2.4	ng	136401	3	9.863	1156950	20.0
Hexadecane	10.292	2.4	ng	137632	3	9.863	1156950	20.0
2-Bromo dodecane	10.775	2.9	ng	166325	4	11.345	1152540	20.0
Tridecane	11.216	2.0	ng	117869	4	11.345	1152540	20.0
Dibenzothiophene	11.245	2.9	ng	167131	4	11.345	1152540	20.0
Hexadecanoic ac...	11.745	10.1	ng	584324	4	11.345	1152540	20.0
Anthracene, 2-m...	11.851	3.5	ng	199112	4	11.345	1152540	20.0
Phenanthrene, 2...	11.874	4.4	ng	253016	4	11.345	1152540	20.0
4H-Cyclopenta[d...	11.963	9.7	ng	560583	4	11.345	1152540	20.0
Naphthalene, 2-...	12.145	3.0	ng	170968	4	11.345	1152540	20.0
Phenanthrene, 2...	12.398	2.5	ng	141915	4	11.345	1152540	20.0
10,13-Octadecad...	12.433	20.9	ng	1202180	4	11.345	1152540	20.0
11H-Benzo[b]flu...	13.116	3.5	ng	257973	5	13.986	1468220	20.0
11H-Benzo[a]flu...	13.186	3.2	ng	232587	5	13.986	1468220	20.0