LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BIN-1

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141205.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	9	16	25	rVB	100176	158745	2.71%	0.272%
2	5.028	488	499	512	rVB	316066	554674	9.45%	0.950%
3	5.428	560	567	572	rBV	3466128	4842660	82.52%	8.290%
4	6.093	675	680	687	rVB	507176	659619	11.24%	1.129%
5	6.440	732	739	745	rBV	3288842	4931849	84.04%	8.443%
6	6.510	747	751	756	rVB	178444	229339	3.91%	0.393%
7	6.810	794	802	808	rBV	993265	1264278	21.54%	2.164%
8	6.928	817	822	825	rBV	127224	163194	2.78%	0.279%
9	7.369	887	897	902	rBV	2250654	3383722	57.66%	5.792%
10	7.622	936	940	948	rVB	196613	276470	4.71%	0.473%
11	7.840	973	977	981	rVB3	66086	83946	1.43%	0.144%
12	7.892	981	986	996	rVB7	25931	58693	1.00%	0.100%
13	8.092	1014	1020	1022	rBV	1268815	1860907	31.71%	3.186%
14	8.163	1028	1032	1038	rVB	65564	94616	1.61%	0.162%
15	8.310	1051	1057	1063	rVB	64868	94036	1.60%	0.161%
16	8.798	1135	1140	1145	rBV	335827	423521	7.22%	0.725%
17	8.898	1152	1157	1162	rVB	182549	229867	3.92%	0.393%
18	9.169	1196	1203	1208	rBV	4276248	5868509	100.00%	10.046%
19	9.263	1208	1219	1224	rVB2	89644	141145	2.41%	0.242%
20	9.428	1241	1247	1251	rBV	86712	133552	2.28%	0.229%
21	9.498	1251	1259	1262	rVV	116954	177274	3.02%	0.303%
22	9.528	1262	1264	1268	rVB	61643	63710	1.09%	0.109%
23	9.616	1275	1279	1284	rBV	46726	69687	1.19%	0.119%
24	9.698	1289	1293	1298	rVB	70322	95315	1.62%	0.163%
25	9.839	1310	1317	1321	rBV	1298184	1826742	31.13%	3.127%
26	9.875	1321	1323	1327	rVB	359137	373517	6.36%	0.639%
27	10.045	1347	1352	1356	rBV	360475	442379	7.54%	0.757%
28	10.157	1366	1371	1374	rBV2	43403	63599	1.08%	0.109%
29	10.386	1406	1410	1416	rVB	433312	555350	9.46%	0.951%
30	10.475	1416	1425	1428	rBV2	65099	161088	2.74%	0.276%
31	10.557	1431	1439	1445	rVB	1116223	1497628	25.52%	2.564%
32	10.633	1445	1452	1457	rBV	2637182	3499251	59.63%	5.990%
33	10.751	1467	1472	1478	rVB2	75106	114176	1.95%	0.195%
34	10.822	1478	1484	1487	rBV4	45886	74657	1.27%	0.128%
35	10.863	1487	1491	1496	rVB	174518	221395	3.77%	0.379%
36	10.933	1497	1503	1506	rBV3	78398	138829	2.37%	0.238%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BIN-1

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.133	1532	1537	1541	rVV	112705	165837	2.83%	0.284%
38	11.175	1541	1544	1548	rVV	38827	69088	1.18%	0.118%
39	11.222	1548	1552	1558	rVB	133616	189135	3.22%	0.324%
40	11.328	1565	1570	1572	rBV	1119936	1538451	26.22%	2.634%
41	11.351	1572	1574	1579	rVV	1550872	1795232	30.59%	3.073%
42	11.404	1579	1583	1586	rVB	181677	237499	4.05%	0.407%
43	11.557	1603	1609	1616	rBV2	108465	192225	3.28%	0.329%
44	11.657	1623	1626	1631	rVB2	67751	89391	1.52%	0.153%
45	11.827	1650	1655	1657	rBV	201498	275873	4.70%	0.472%
46	11.857	1657	1660	1665	rVV	816425	1109440	18.90%	1.899%
47	11.904	1665	1668	1670	rVV	65080	85870	1.46%	0.147%
48	11.939	1670	1674	1683	rVB2	295464	580610	9.89%	0.994%
49	12.027	1683	1689	1693	rBV4	62875	136954	2.33%	0.234%
50	12.127	1700	1706	1707	rBV	127866	179229	3.05%	0.307%
51	12.275	1725	1731	1734	rBV2	66821	116314	1.98%	0.199%
52	12.380	1742	1749	1752	rBV2	136716	197777	3.37%	0.339%
53	12.416	1752	1755	1760	rVB3	58623	88761	1.51%	0.152%
54	12.463	1760	1763	1769	rVB2	92226	122750	2.09%	0.210%
55	12.539	1771	1776	1781	rBV	1321430	1779184	30.32%	3.046%
56	12.645	1790	1794	1800	rBV3	204943	338796	5.77%	0.580%
57	12.769	1808	1815	1821	rBV	1070397	1600998	27.28%	2.741%
58	12.822	1821	1824	1828	rVB2	79294	110680	1.89%	0.189%
59	12.916	1832	1840	1847	rVB	3307698	4461354	76.02%	7.637%
60	12.986	1847	1852	1856	rBV4	115567	205790	3.51%	0.352%
61	13.098	1863	1871	1875	rVB	159588	310535	5.29%	0.532%
62	13.163	1879	1882	1885	rBV	95905	112602	1.92%	0.193%
63	13.198	1885	1888	1891	rBV	123553	158234	2.70%	0.271%
64	13.286	1900	1903	1907	rVB2	112273	139772	2.38%	0.239%
65	13.604	1953	1957	1961	rVB	117316	160593	2.74%	0.275%
66	13.716	1971	1976	1979	rBV2	129963	224007	3.82%	0.383%
67	13.816	1989	1993	2002	rVB2	308809	477207	8.13%	0.817%
68	13.969	2011	2019	2030	rBV2	1189356	2688472	45.81%	4.602%
69	14.351	2081	2084	2088	rBV	84334	106930	1.82%	0.183%
70	14.392	2088	2091	2094	rVB2	93089	104593	1.78%	0.179%
71	14.451	2098	2101	2104	rBV4	79367	109442	1.86%	0.187%
72	15.004	2189	2195	2203	rBV	445504	994550	16.95%	1.703%
73	15.298	2241	2245	2250	rVB	226911	338937	5.78%	0.580%
74	15.357	2251	2255	2261	rVV	254066	378907	6.46%	0.649%
75	15.421	2261	2266	2278	rVB	631983	1080997	18.42%	1.850%
76	15.898	2342	2347	2351	rBV	101673	173133	2.95%	0.296%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.857	2505	2510	2518	rVB2	89325	186176	3.17%	0.319%
78	17.286	2579	2583	2596	rVB	77009	176507	3.01%	0.302%

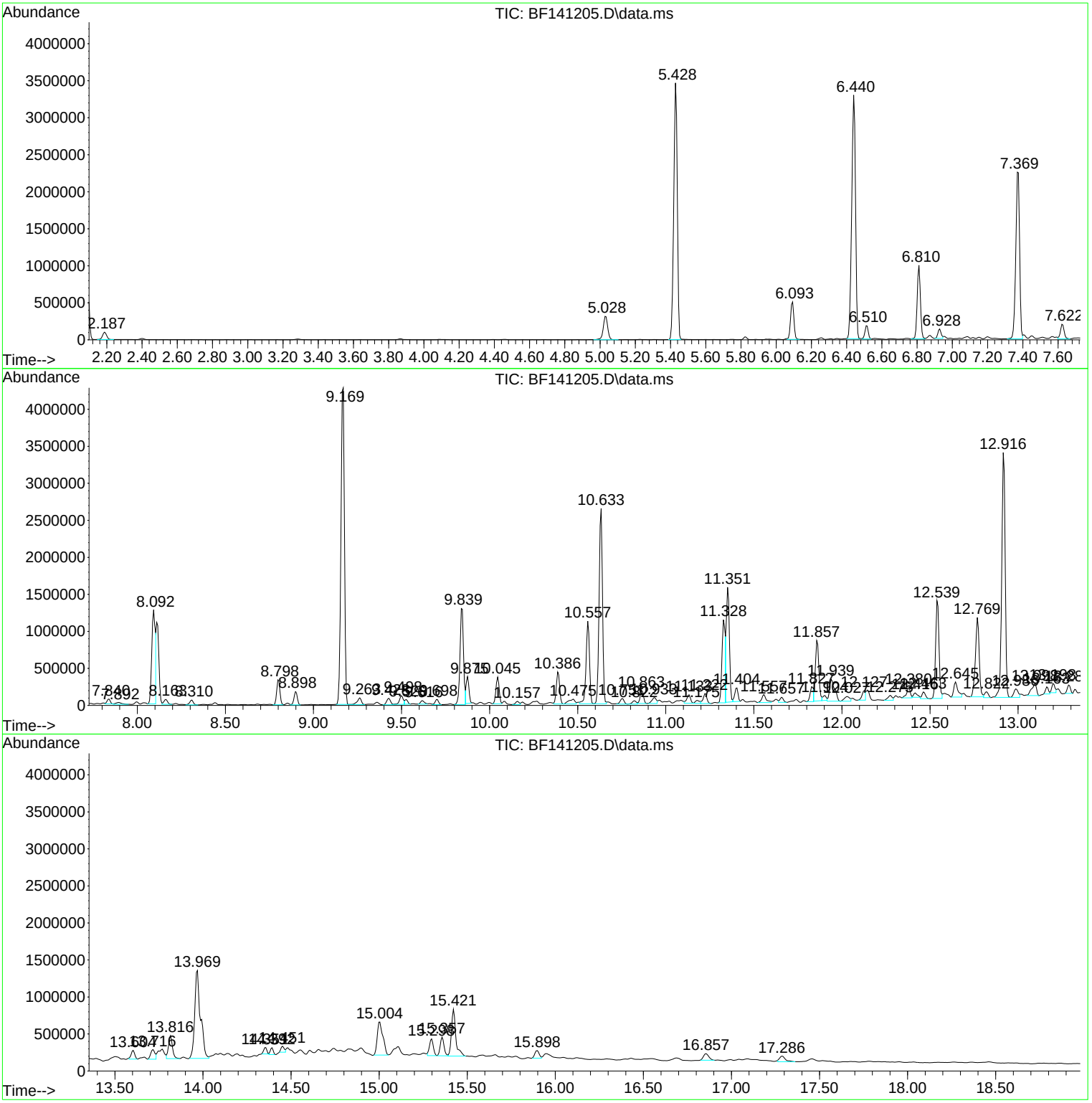
Sum of corrected areas: 58416771

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

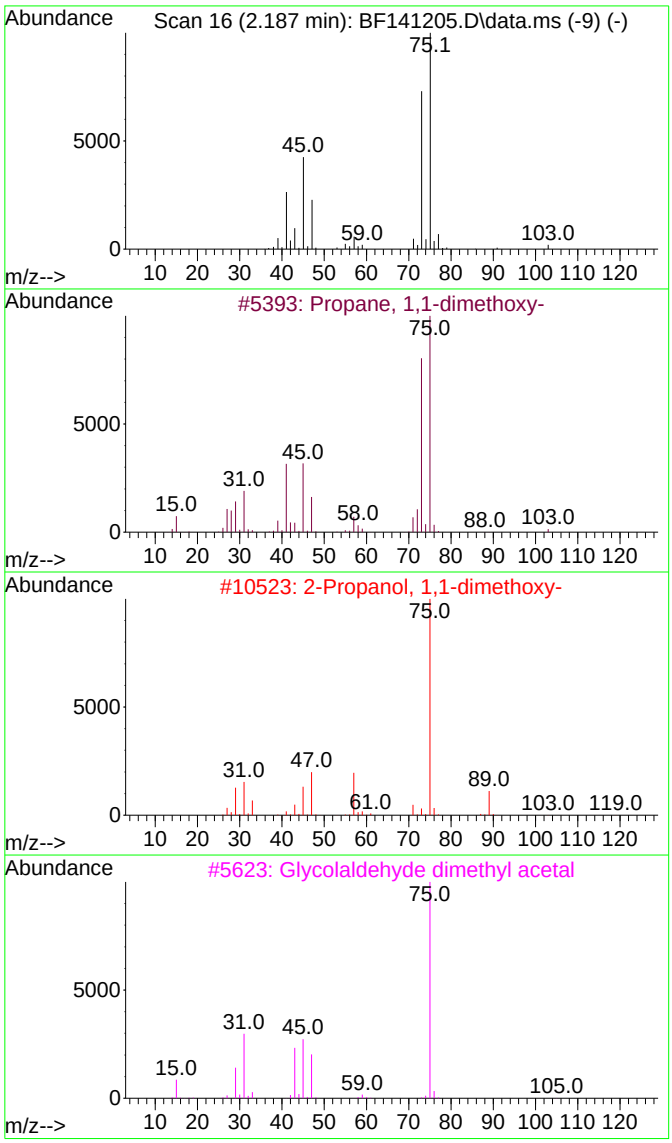
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

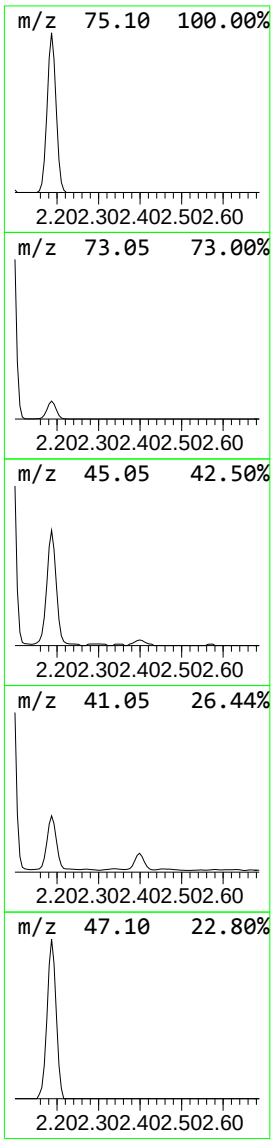
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	2.51 ng	158745	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	53
3	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	38
4	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	33
5	Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

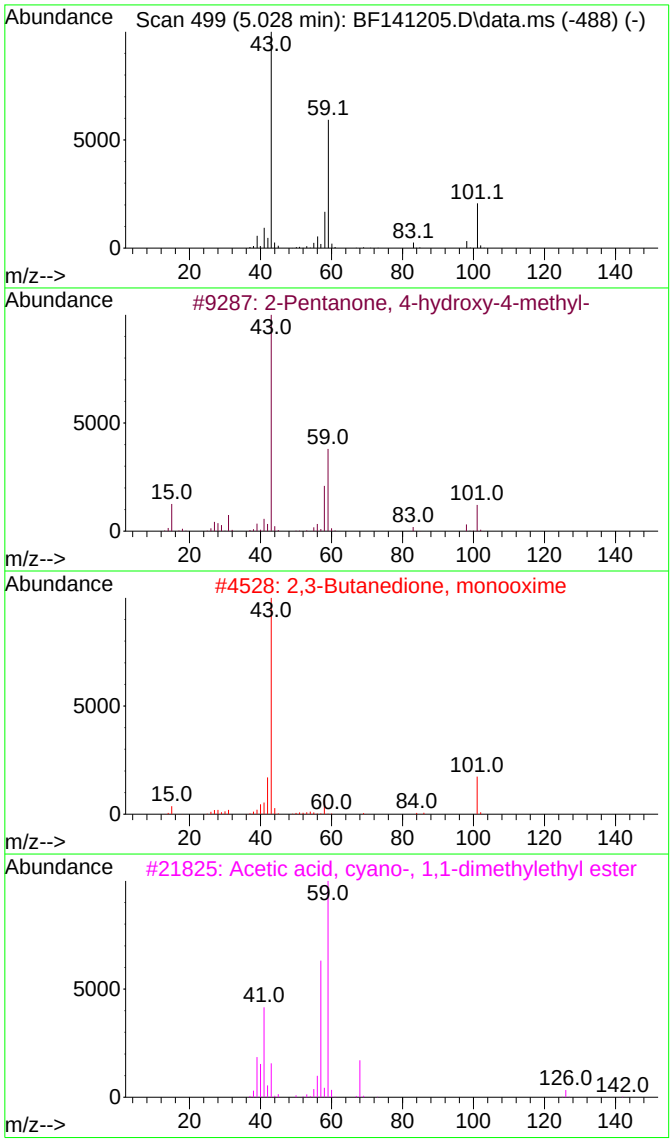
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

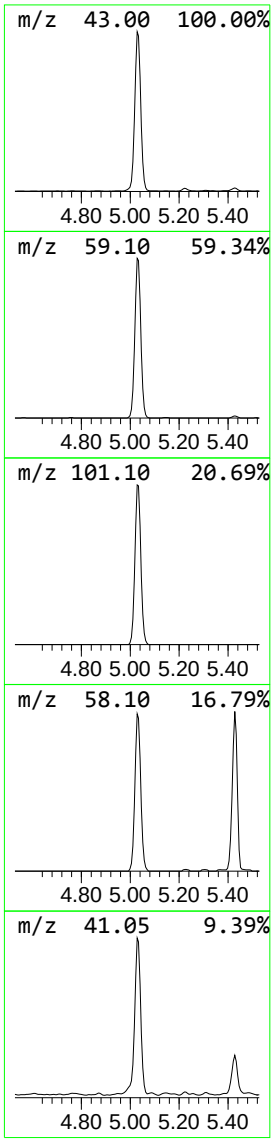
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	8.77 ng	554674	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

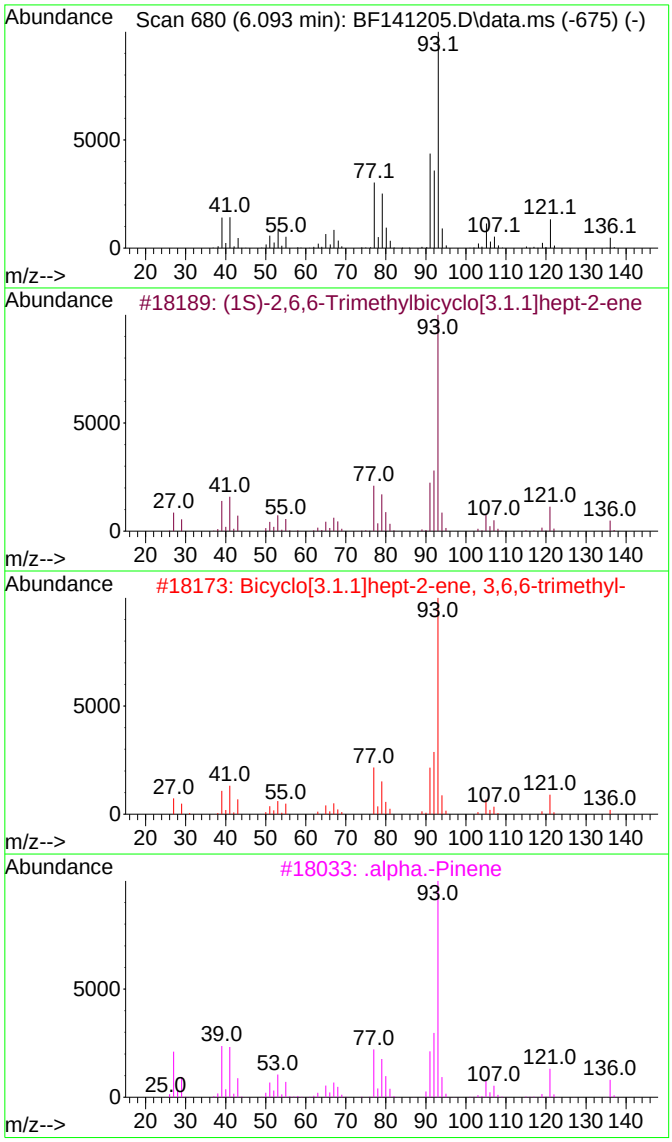
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

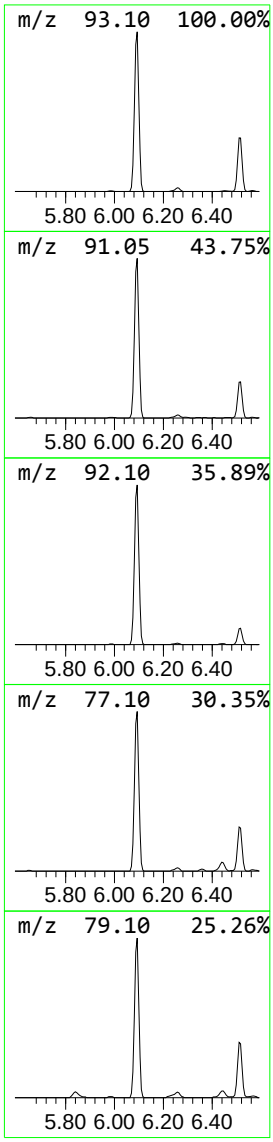
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.093	10.43 ng	659619	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

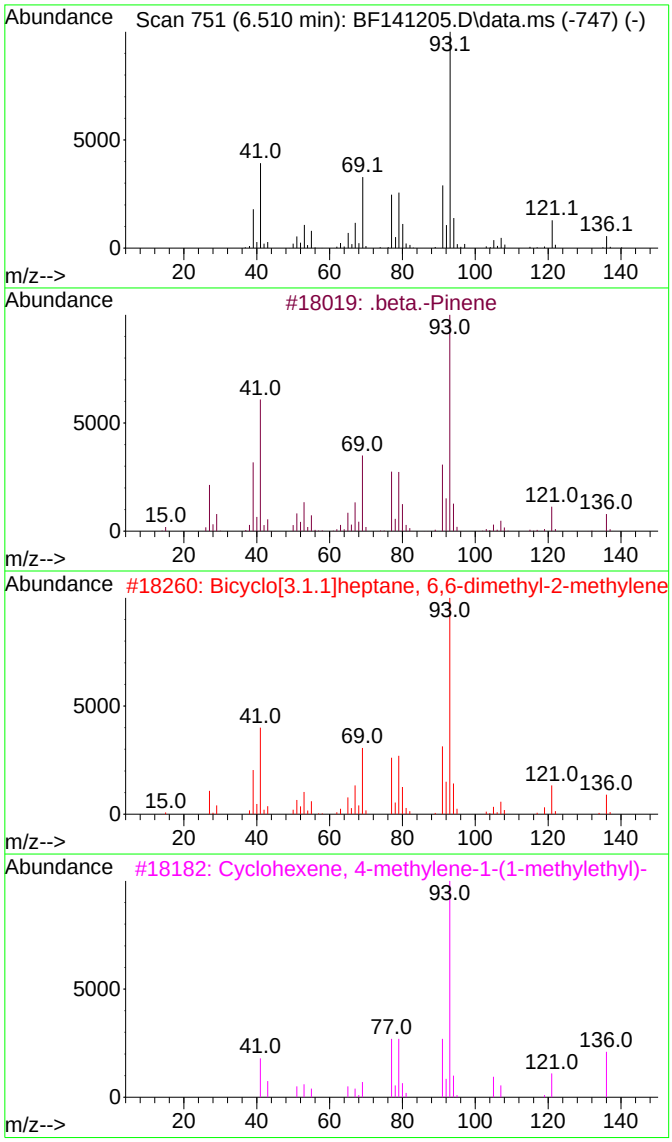
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

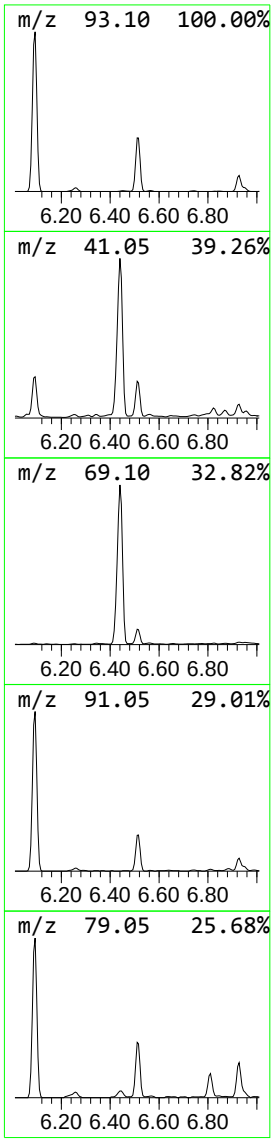
****

Peak Number 4 .beta.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	3.63 ng	229339	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

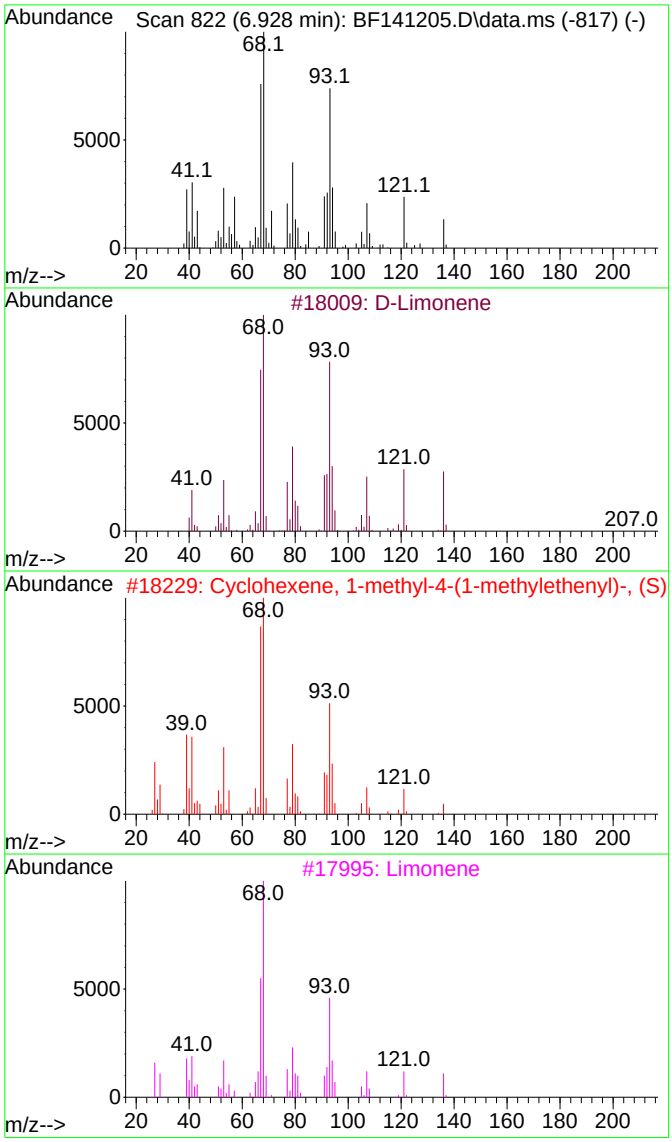
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

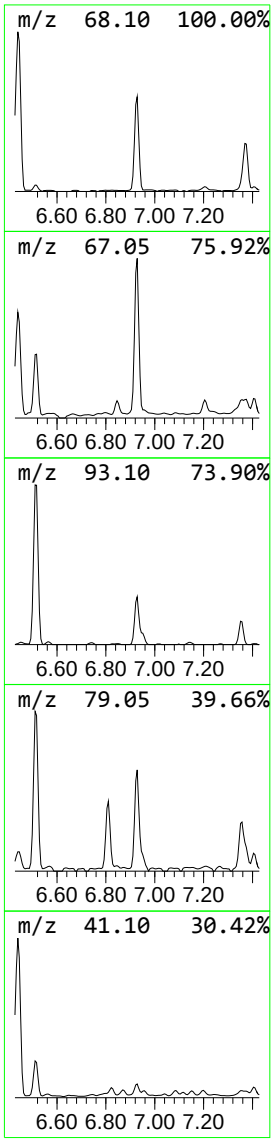
****

Peak Number 5 D-Limonene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	2.58 ng	163194	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	Limonene	136	C10H16	000138-86-3	91
4	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	80
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

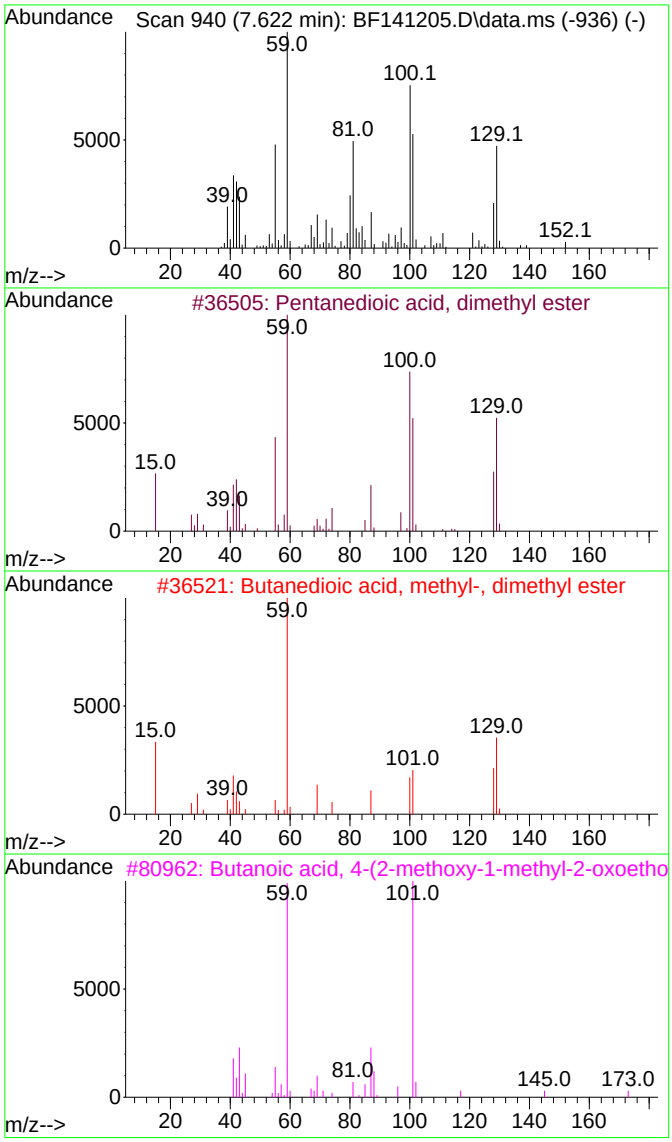
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

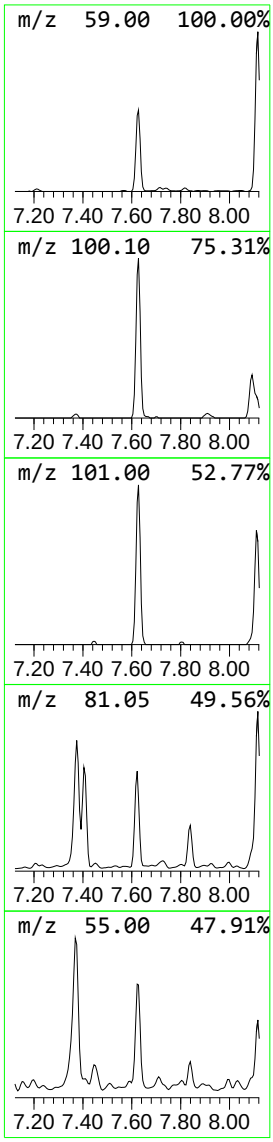
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentanedioic acid, dimethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.622	2.97 ng	276470	Naphthalene-d8	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	86
2	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	37
3	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	27
4	Butyric acid, 3-bromo-, methyl e...	180	C5H9BrO2	021249-59-2	22
5	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

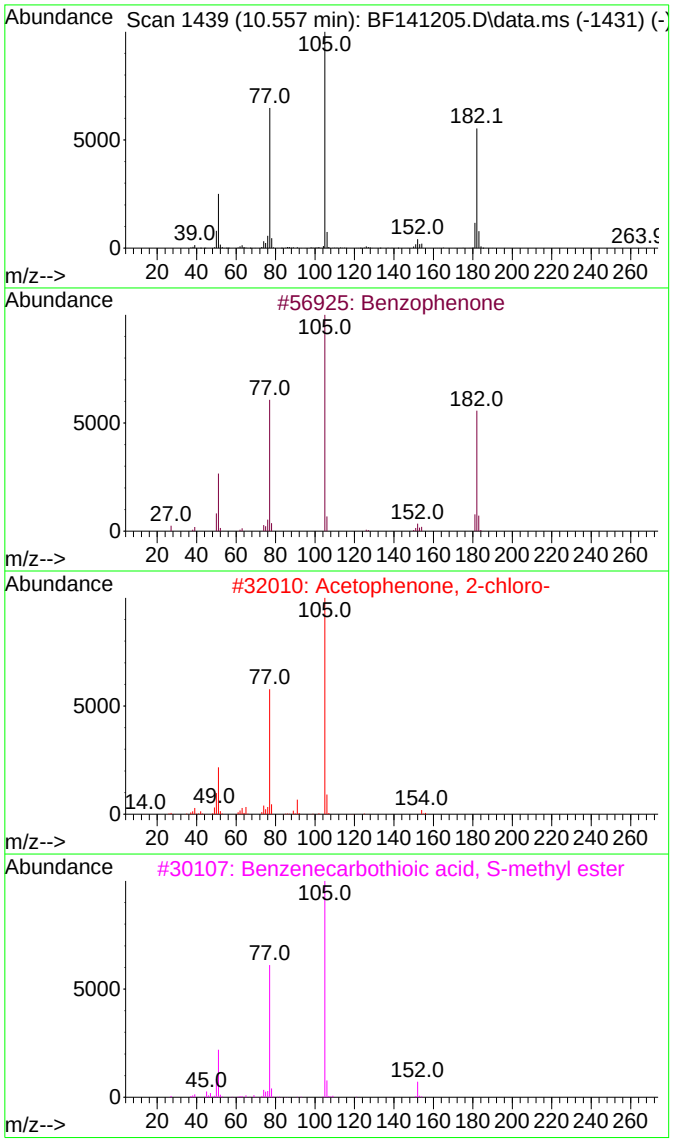
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

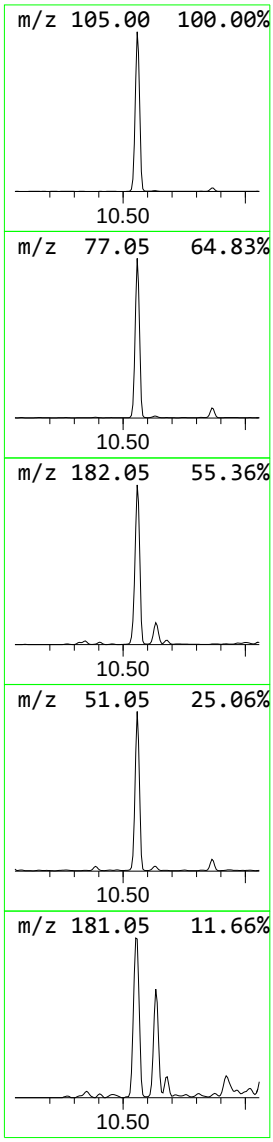
****

Peak Number 7 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	16.40 ng	1497630	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

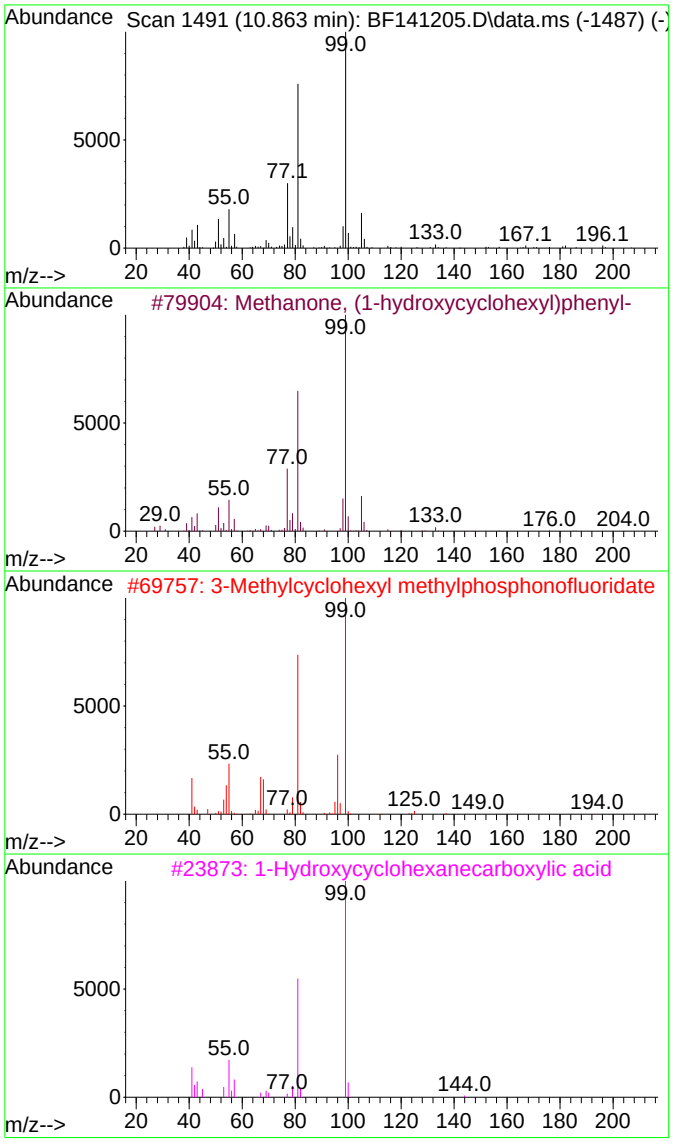
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

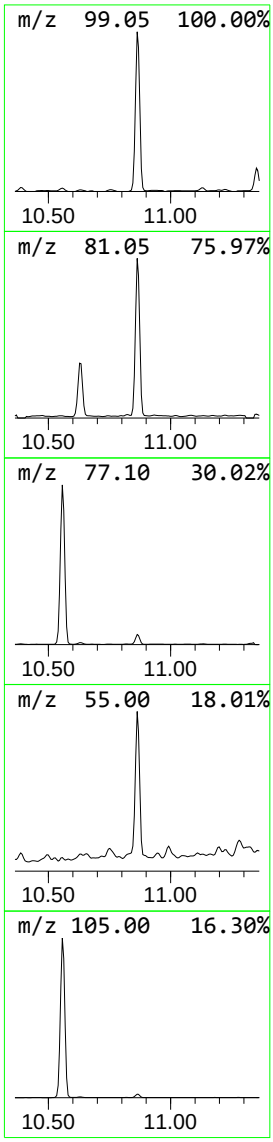
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Methanone, (1-hydroxycycloh... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.863	2.88 ng	221395	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	91
2	3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	53
3	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	45
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	25
5	1,1'-Bicyclohexyl-1,1'-diol	198	C12H22O2	002888-11-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

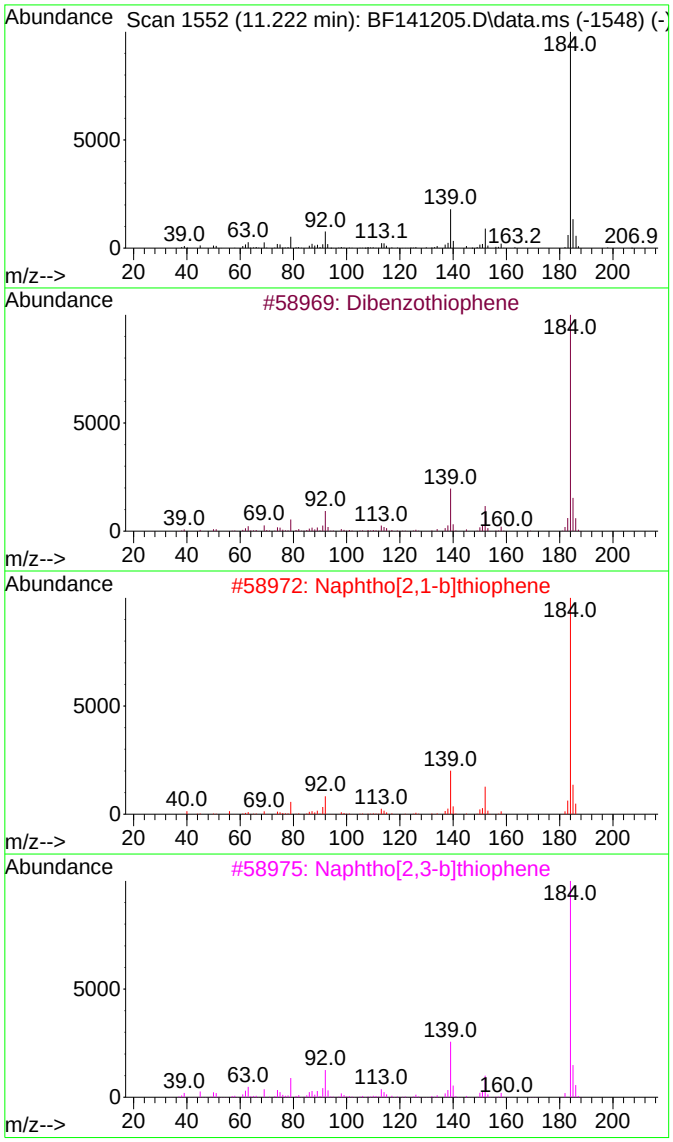
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

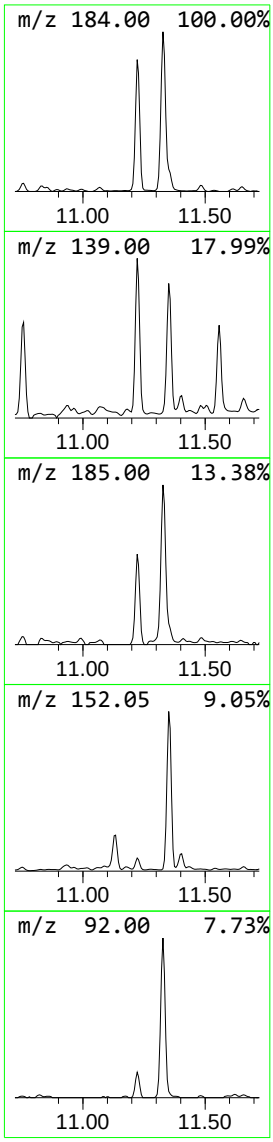
****

Peak Number 9 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	2.46 ng	189135	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

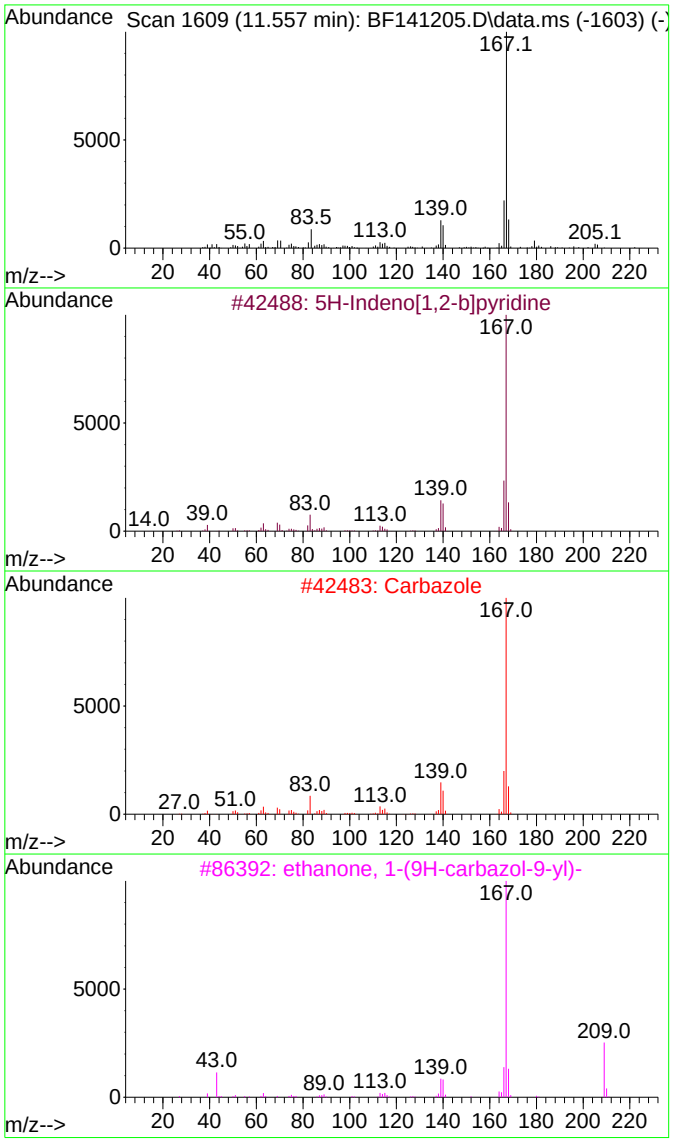
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

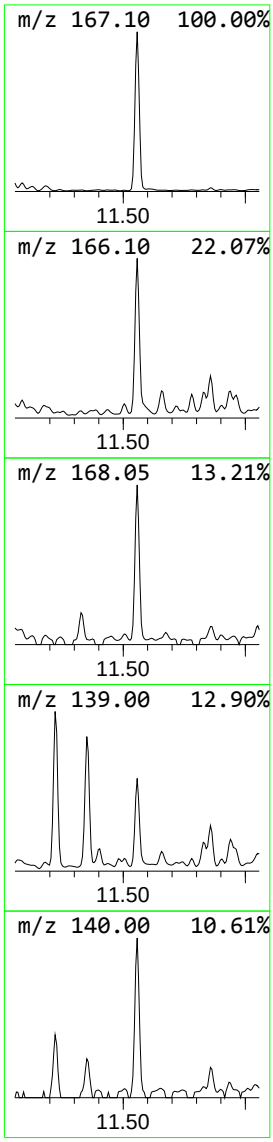
****

Peak Number 10 5H-Indeno[1,2-b]pyridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.557	2.50 ng	192225	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	83
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

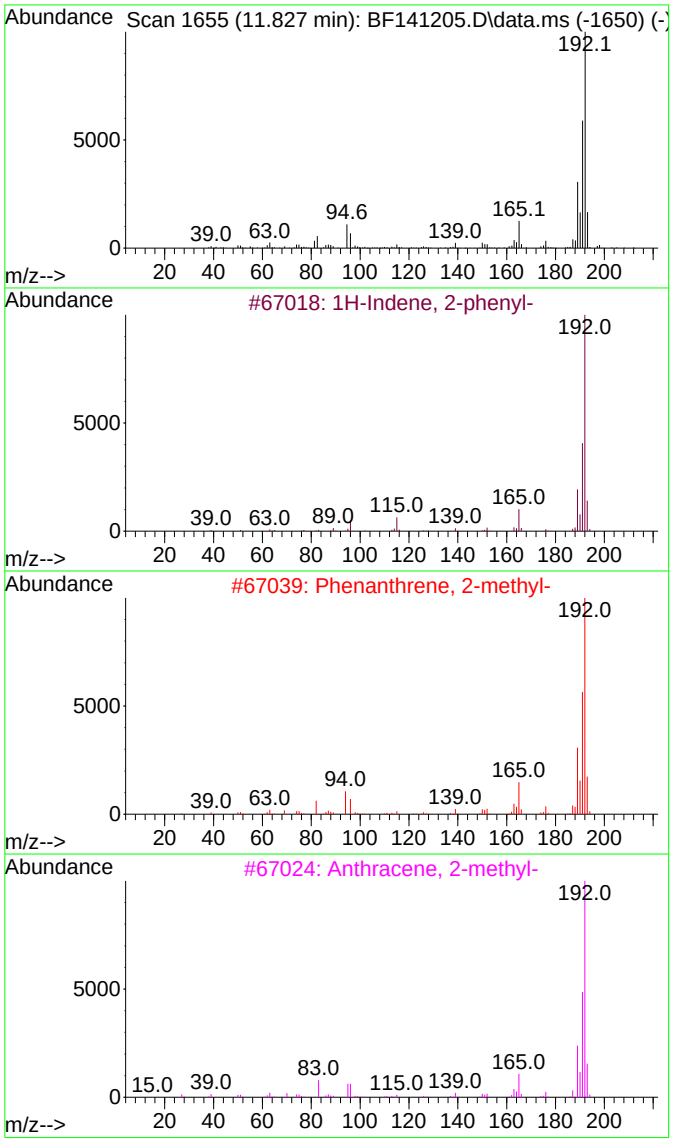
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

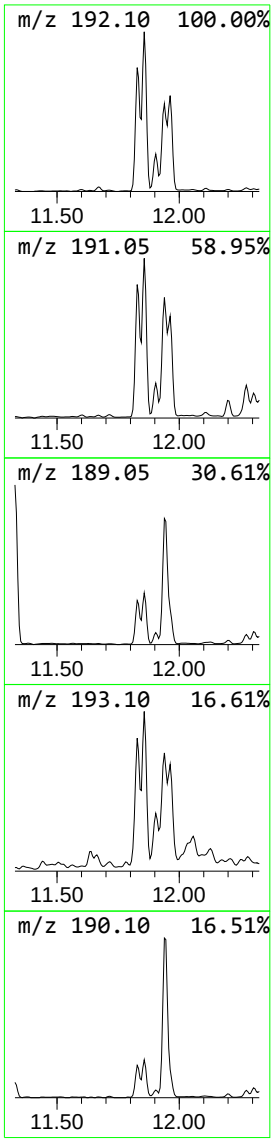
****

Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	3.59 ng	275873	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

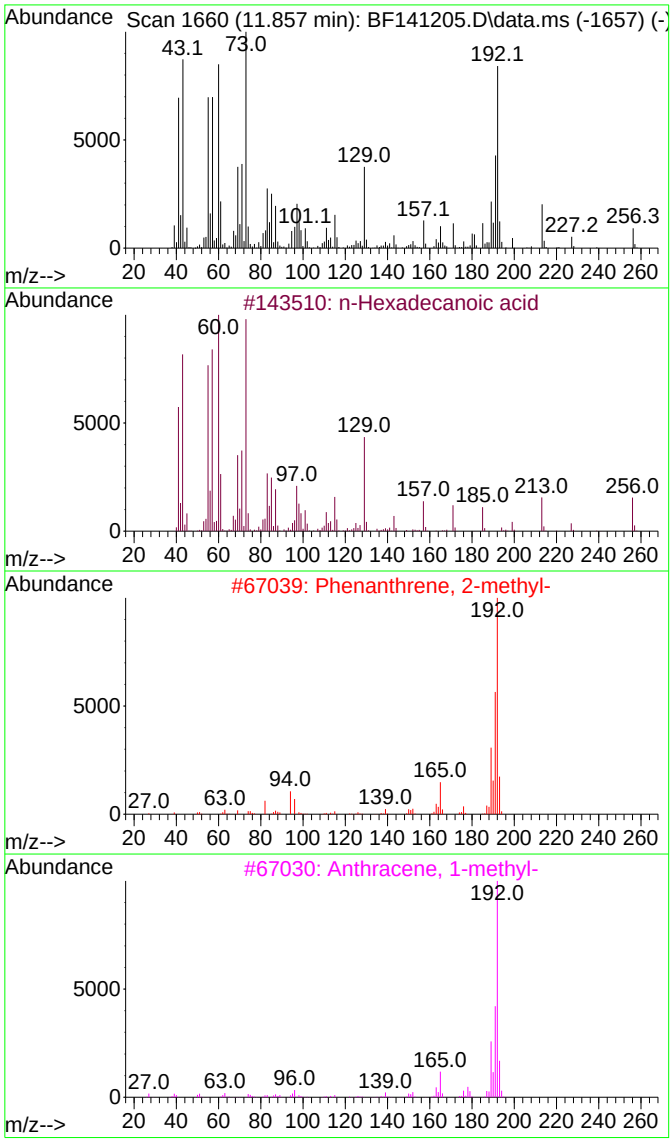
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

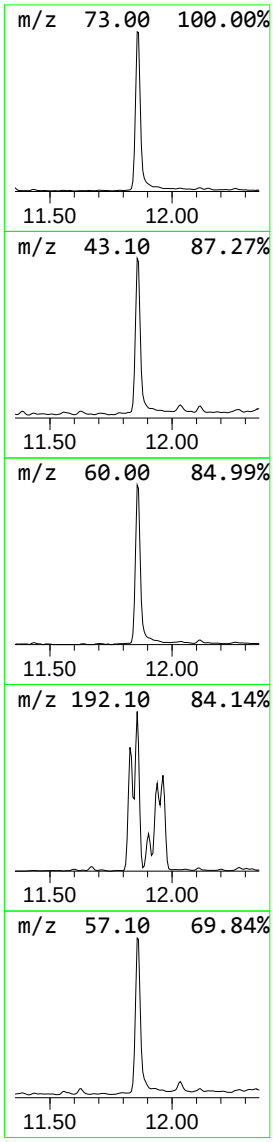
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	14.42 ng	1109440	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

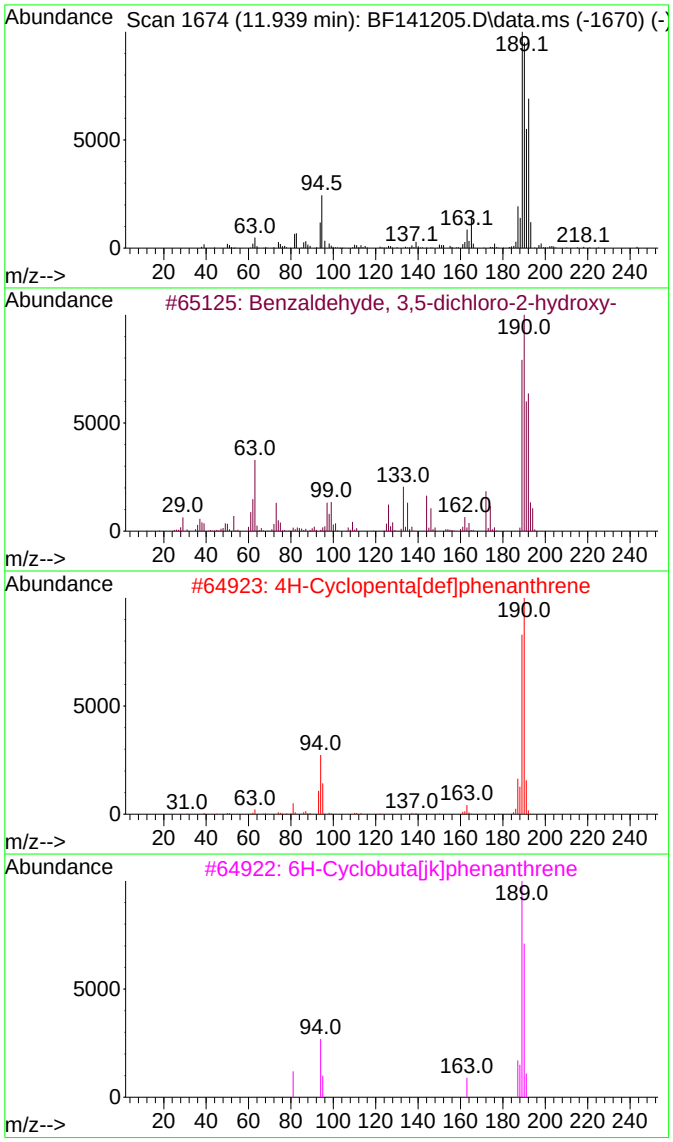
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

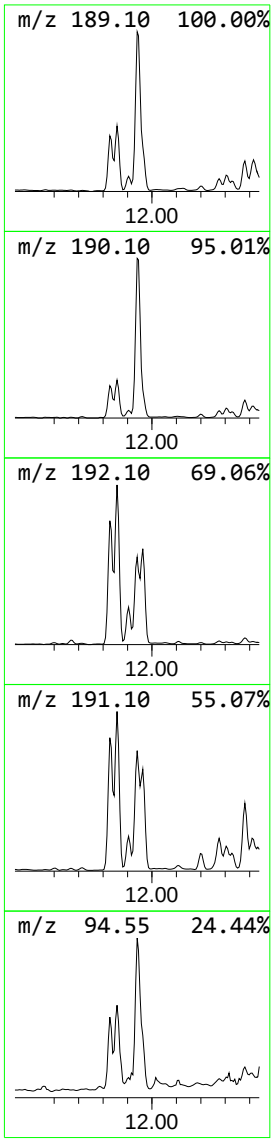
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	7.55 ng	580610	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

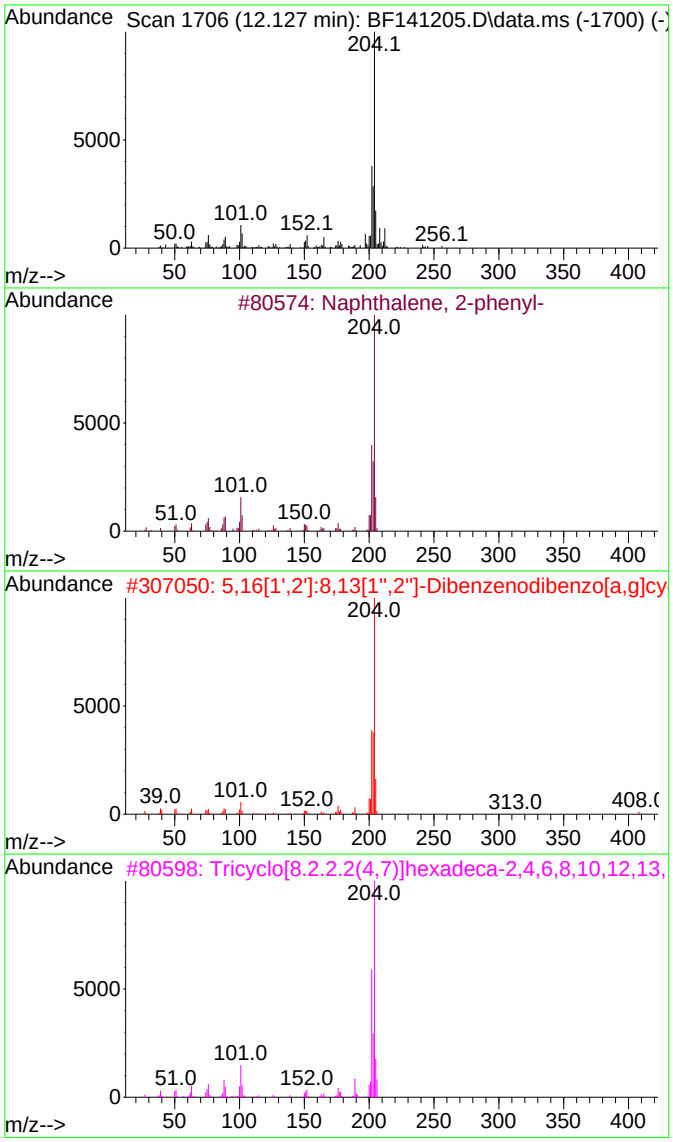
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

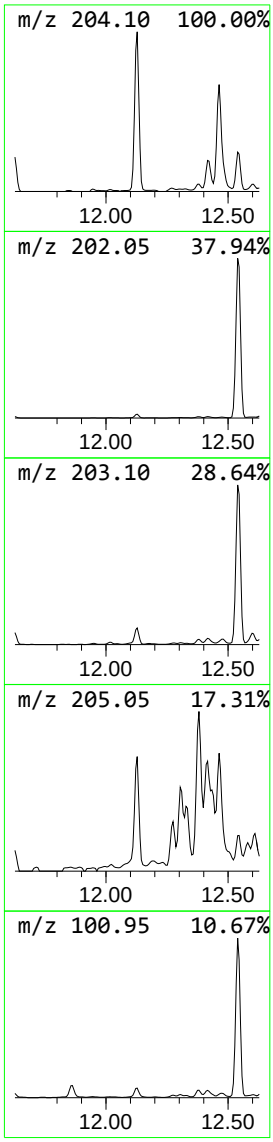
****

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	2.33 ng	179229	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

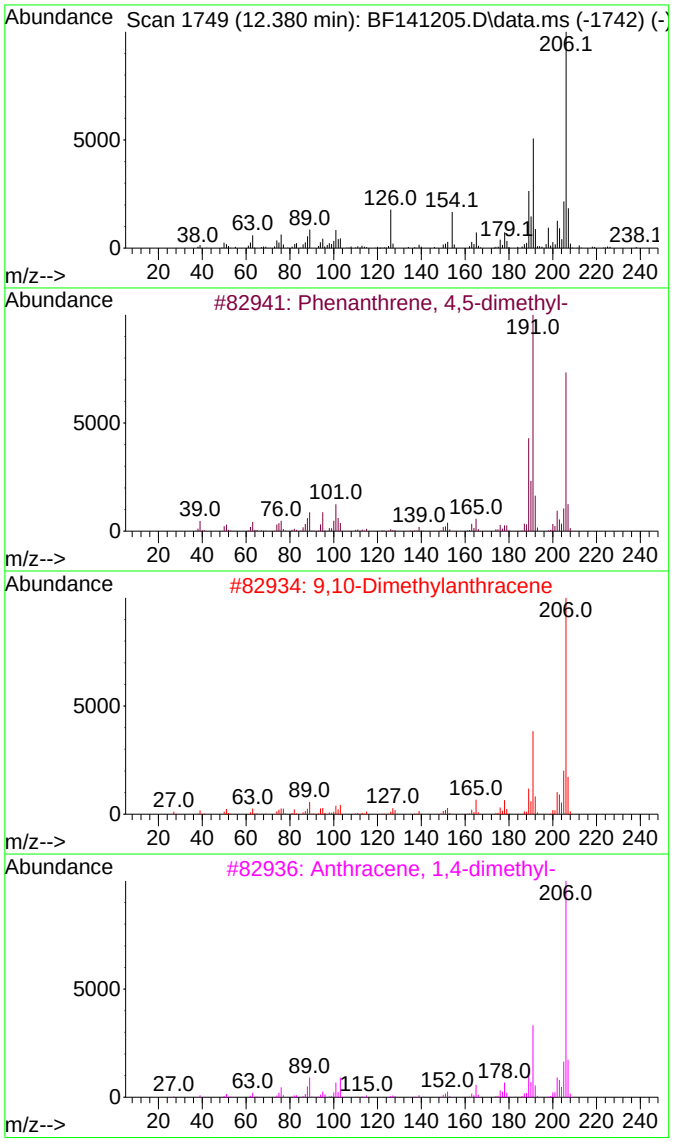
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

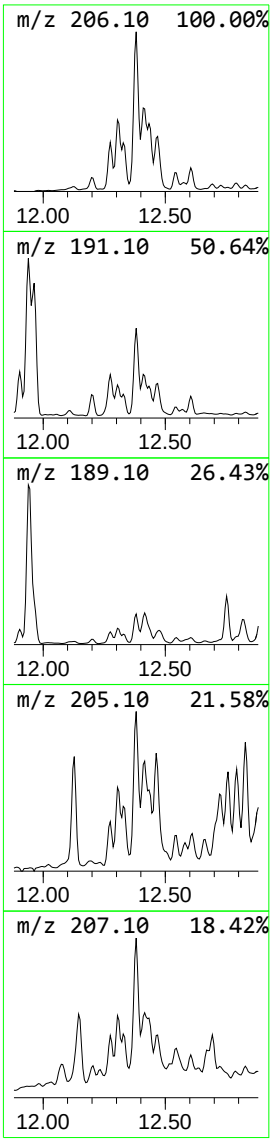
****

Peak Number 15 Phenanthrene, 4,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	2.57 ng	197777	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

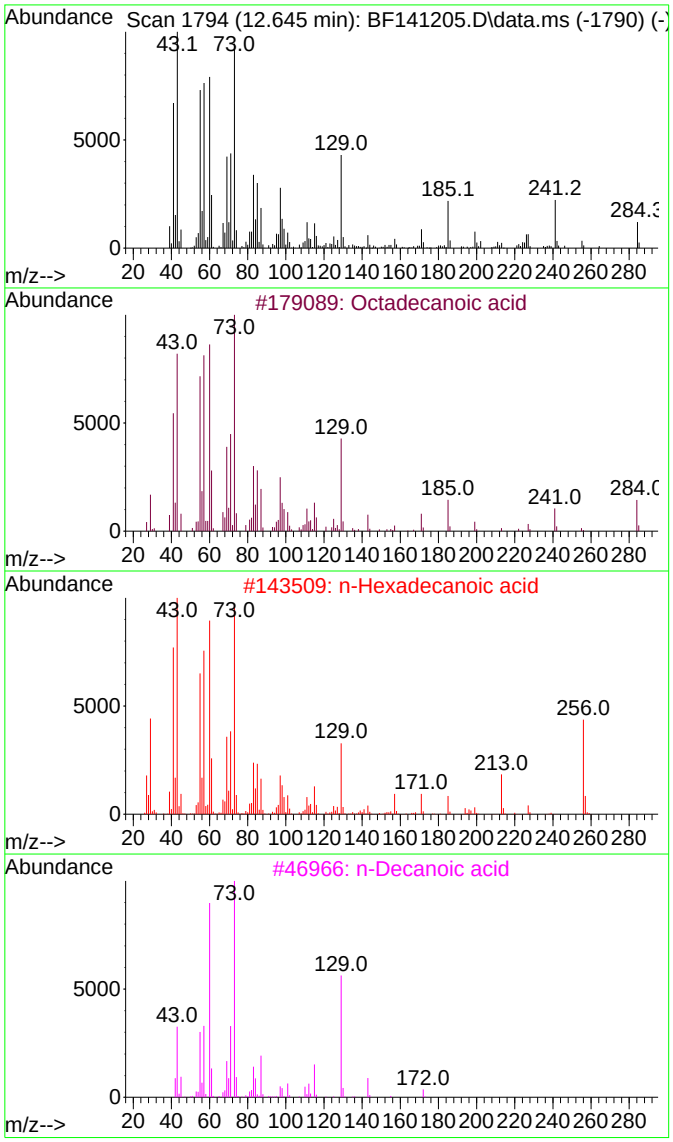
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

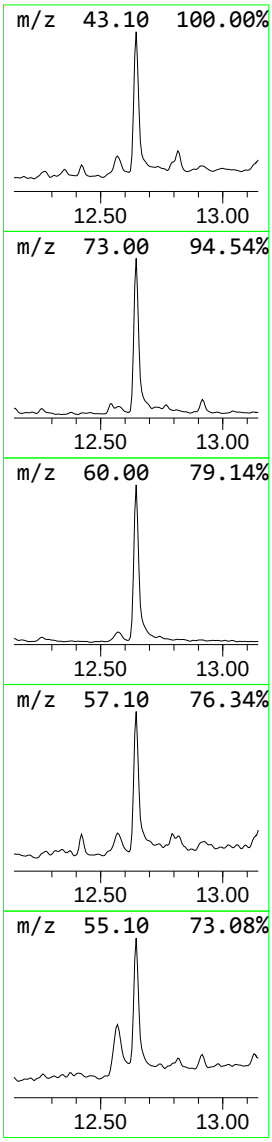
****

Peak Number 16 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	4.40 ng	338796	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

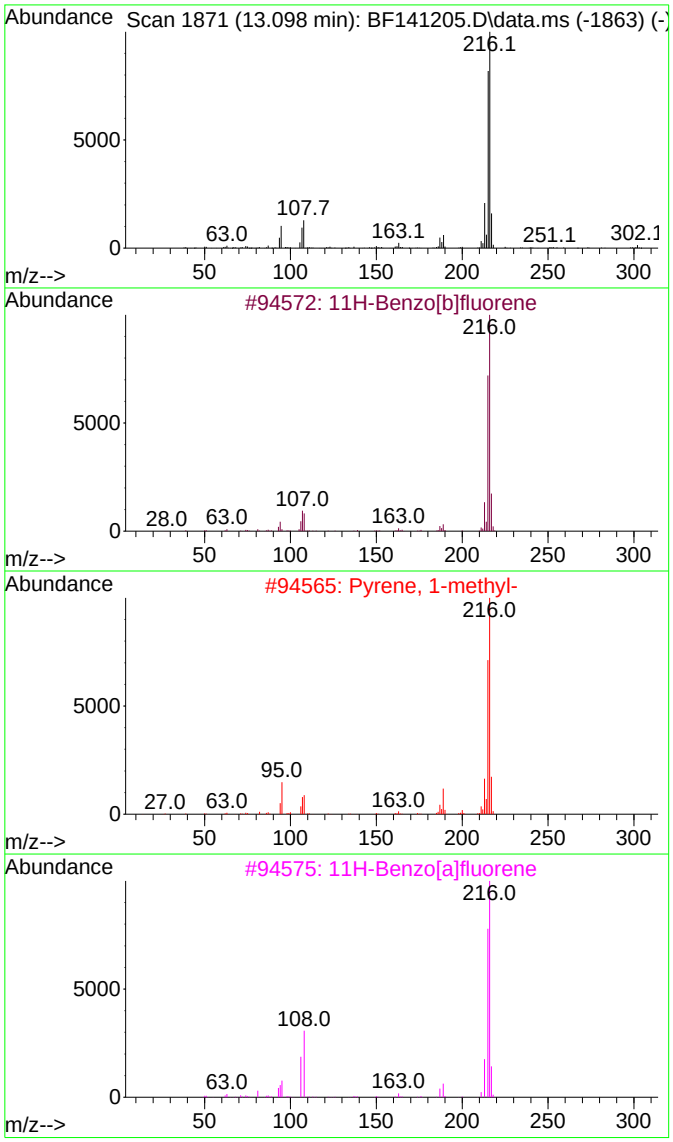
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

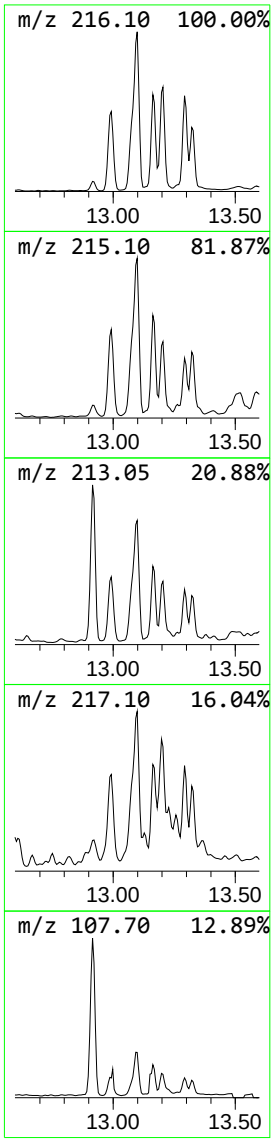
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.31 ng	310535	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

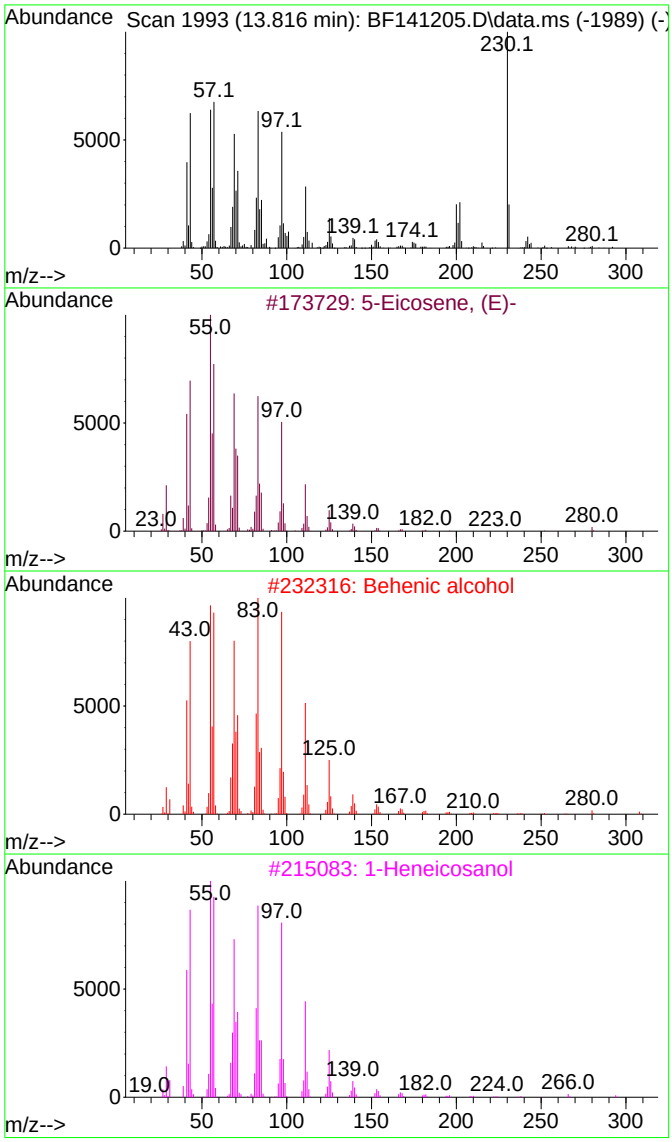
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

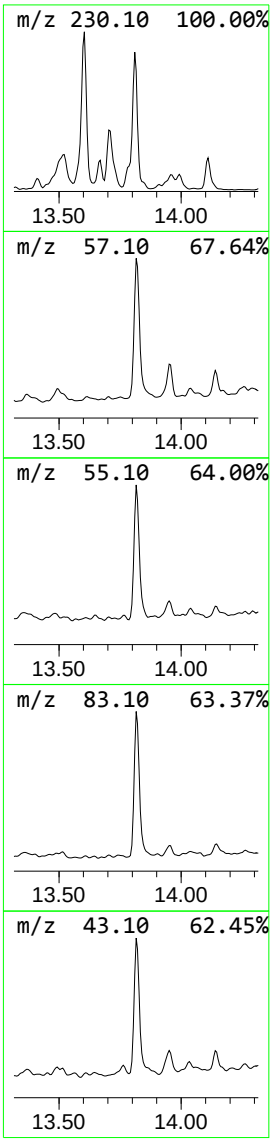
****

Peak Number 18 5-Eicosene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	3.55 ng	477207	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Behenic alcohol	326	C22H46O	000661-19-8	84
3	1-Heneicosanol	312	C21H44O	015594-90-8	81
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	62
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

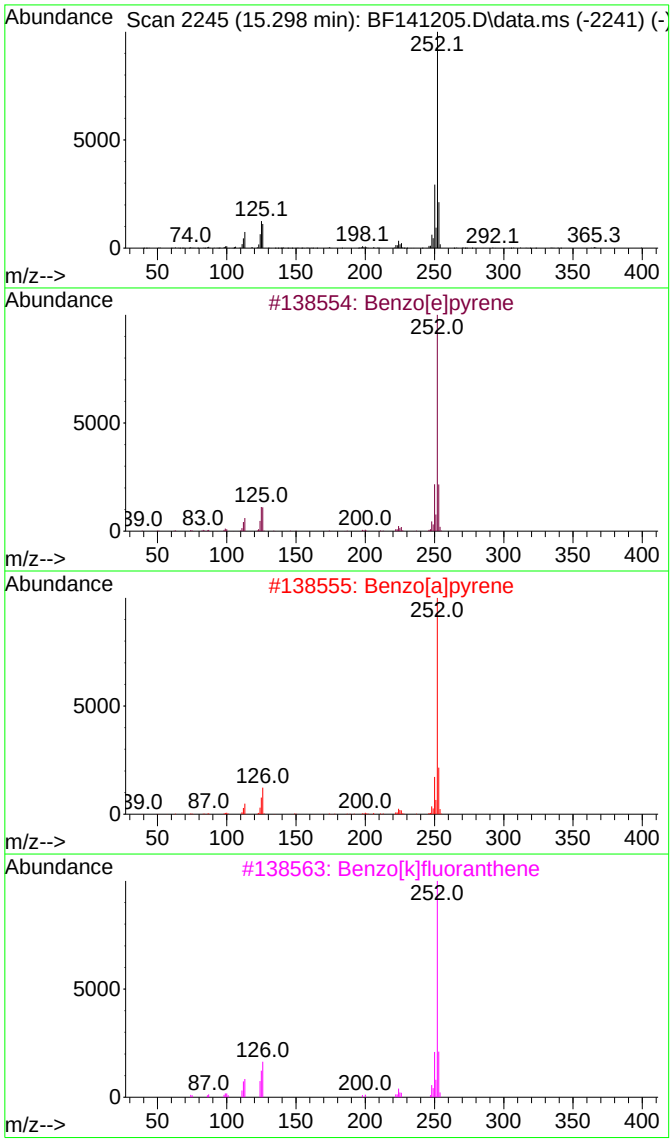
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

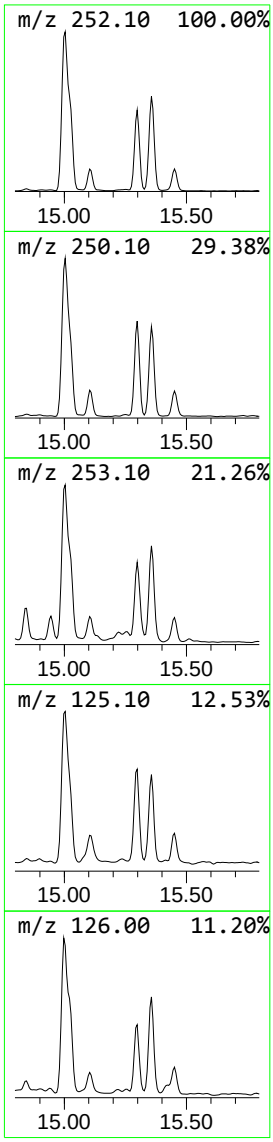
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	6.27 ng	338937	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

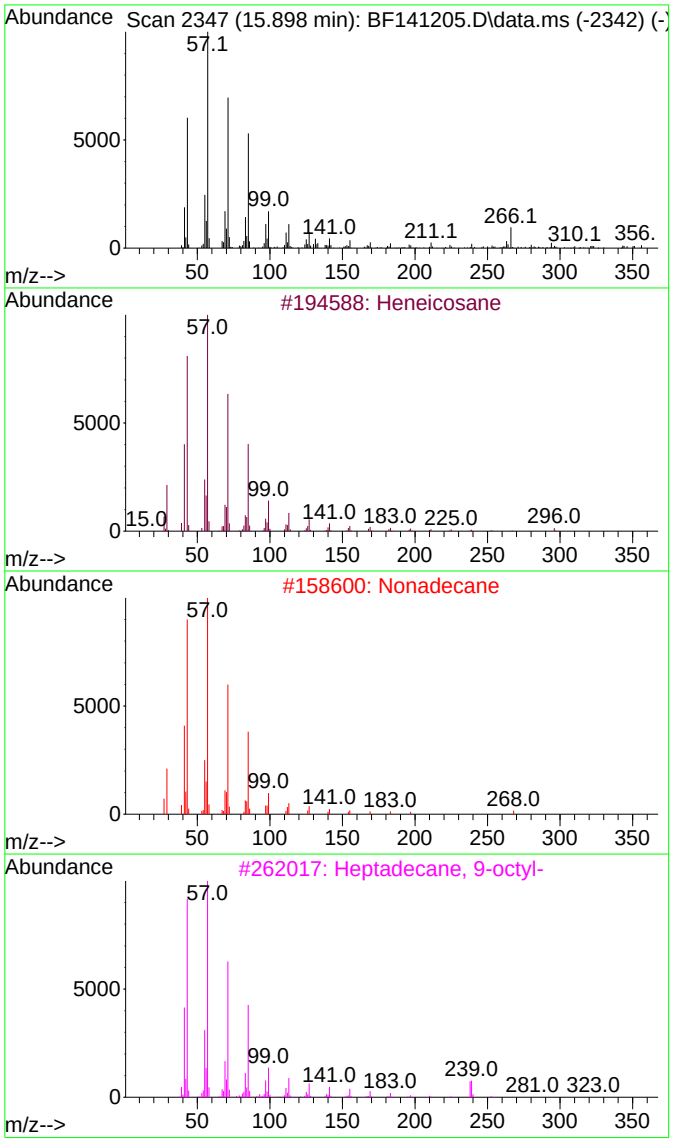
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

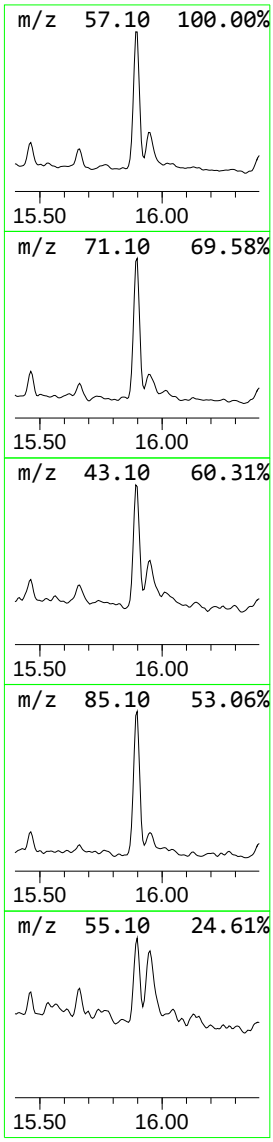
****

Peak Number 20 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	3.20 ng	173133	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141205.D
Acq On : 17 Jan 2025 20:44
Operator : RC/JU
Sample : Q1110-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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
Propane, 1,1-di...	2.187	2.5	ng	158745	1	6.810	1264280	20.0
2-Pentanone, 4-...	5.028	8.8	ng	554674	1	6.810	1264280	20.0
(1S)-2,6,6-Trim...	6.093	10.4	ng	659619	1	6.810	1264280	20.0
.beta.-Pinene	6.510	3.6	ng	229339	1	6.810	1264280	20.0
D-Limonene	6.928	2.6	ng	163194	1	6.810	1264280	20.0
Pentanedioic ac...	7.622	3.0	ng	276470	2	8.092	1860910	20.0
Benzophenone	10.557	16.4	ng	1497630	3	9.845	1826740	20.0
Methanone, (1-h...	10.863	2.9	ng	221395	4	11.328	1538450	20.0
Dibenzothiophene	11.222	2.5	ng	189135	4	11.328	1538450	20.0
5H-Indeno[1,2-b...	11.557	2.5	ng	192225	4	11.328	1538450	20.0
1H-Indene, 2-ph...	11.828	3.6	ng	275873	4	11.328	1538450	20.0
n-Hexadecanoic ...	11.857	14.4	ng	1109440	4	11.328	1538450	20.0
Benzaldehyde, 3...	11.939	7.5	ng	580610	4	11.328	1538450	20.0
Naphthalene, 2-...	12.128	2.3	ng	179229	4	11.328	1538450	20.0
Phenanthrene, 4...	12.380	2.6	ng	197777	4	11.328	1538450	20.0
Octadecanoic acid	12.645	4.4	ng	338796	4	11.328	1538450	20.0
11H-Benzo[b]flu...	13.098	2.3	ng	310535	5	13.969	2688470	20.0
5-Eicosene, (E)-	13.816	3.5	ng	477207	5	13.969	2688470	20.0
Benzo[e]pyrene	15.298	6.3	ng	338937	6	15.421	1081000	20.0
Heneicosane	15.898	3.2	ng	173133	6	15.421	1081000	20.0