LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	9	17	24	rVB	869871	1356533	65.60%	7.419%
2	5.104	501	512	520	rBV	82137	131802	6.37%	0.721%
3	5.499	572	579	584	rBV	1391344	1887883	91.30%	10.325%
4	6.504	743	750	755	rBV	1384885	1973116	95.42%	10.791%
5	6.875	808	813	818	rBV	315212	379829	18.37%	2.077%
6	7.440	902	909	914	rBV	961758	1280581	61.93%	7.003%
7	7.687	947	951	956	rVB	33596	41980	2.03%	0.230%
8	8.157	1026	1031	1038	rBV	383014	466409	22.56%	2.551%
9	9.234	1208	1214	1219	rBV	1689355	2067735	100.00%	11.308%
10	9.569	1262	1271	1275	rBV	99781	134421	6.50%	0.735%
11	9.757	1299	1303	1309	rVB2	207459	269661	13.04%	1.475%
12	9.822	1309	1314	1322	rVB2	27077	40895	1.98%	0.224%
13	9.910	1322	1329	1333	rBV	393826	491657	23.78%	2.689%
14	9.939	1333	1334	1340	rVV3	20127	21341	1.03%	0.117%
15	10.004	1340	1345	1353	rVV	148828	234405	11.34%	1.282%
16	10.110	1358	1363	1367	rBV	17130	21082	1.02%	0.115%
17	10.451	1418	1421	1426	rVB2	27039	37638	1.82%	0.206%
18	10.622	1444	1450	1454	rBV2	172331	217343	10.51%	1.189%
19	10.698	1457	1463	1468	rVV	870950	1115411	53.94%	6.100%
20	10.816	1479	1483	1489	rVB3	16386	25047	1.21%	0.137%
21	10.998	1505	1514	1517	rBV2	16546	30752	1.49%	0.168%
22	11.128	1532	1536	1539	rBV2	13209	22584	1.09%	0.124%
23	11.392	1576	1581	1583	rBV	329191	420177	20.32%	2.298%
24	11.416	1583	1585	1589	rVV	249511	268842	13.00%	1.470%
25	11.469	1589	1594	1597	rVV	41829	53389	2.58%	0.292%
26	11.622	1614	1620	1623	rBV2	13537	23287	1.13%	0.127%
27	11.892	1661	1666	1667	rBV	58396	65843	3.18%	0.360%
28	11.922	1667	1671	1675	rVV	261535	360940	17.46%	1.974%
29	11.969	1675	1679	1681	rVV	28060	43809	2.12%	0.240%
30	12.004	1681	1685	1693	rVB2	81061	159914	7.73%	0.875%
31	12.092	1693	1700	1703	rBV7	10423	20725	1.00%	0.113%
32	12.186	1709	1716	1719	rBV	31618	49936	2.42%	0.273%
33	12.339	1735	1742	1744	rBV3	15509	25044	1.21%	0.137%
34	12.439	1754	1759	1763	rBV	52040	80080	3.87%	0.438%
35	12.480	1763	1766	1771	rVV2	30397	57855	2.80%	0.316%
36	12.528	1771	1774	1780	rVB3	29778	42774	2.07%	0.234%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.604	1782	1787	1792	rBV	306712	381406	18.45%	2.086%
38	12.698	1800	1803	1807	rBV	36225	44839	2.17%	0.245%
39	12.833	1819	1826	1831	rBV	257624	396251	19.16%	2.167%
40	12.886	1831	1835	1839	rVB3	29041	44579	2.16%	0.244%
41	12.975	1839	1850	1857	rVB	964221	1300836	62.91%	7.114%
42	13.051	1857	1863	1870	rBV5	37391	76210	3.69%	0.417%
43	13.157	1873	1881	1885	rVB2	49262	100716	4.87%	0.551%
44	13.227	1885	1893	1895	rBV2	27967	48583	2.35%	0.266%
45	13.263	1895	1899	1906	rVB2	51069	70566	3.41%	0.386%
46	13.351	1911	1914	1917	rBV	23626	28955	1.40%	0.158%
47	13.386	1917	1920	1923	rVB	22447	26410	1.28%	0.144%
48	13.563	1942	1950	1955	rBV7	16256	50820	2.46%	0.278%
49	13.663	1963	1967	1972	rVB	36791	52688	2.55%	0.288%
50	13.775	1981	1986	1989	rBV3	29272	56326	2.72%	0.308%
51	13.874	1999	2003	2012	rVB2	64513	108483	5.25%	0.593%
52	14.027	2021	2029	2039	rBV2	319623	690715	33.40%	3.778%
53	14.169	2049	2053	2055	rBV2	19197	26360	1.27%	0.144%
54	14.410	2090	2094	2097	rBV	33402	42328	2.05%	0.231%
55	14.445	2097	2100	2104	rVB2	22028	26303	1.27%	0.144%
56	14.498	2106	2109	2112	rVV3	18129	27517	1.33%	0.150%
57	14.533	2113	2115	2123	rVB4	23227	49965	2.42%	0.273%
58	15.069	2200	2206	2215	rBV	90433	215453	10.42%	1.178%
59	15.369	2252	2257	2263	rVB	47304	73426	3.55%	0.402%
60	15.427	2263	2267	2273	rVV	62802	92520	4.47%	0.506%
61	15.492	2273	2278	2290	rVB	137125	244944	11.85%	1.340%
62	16.957	2521	2527	2537	rVB2	22698	50225	2.43%	0.275%
63	17.398	2596	2602	2611	rVB	16065	36737	1.78%	0.201%

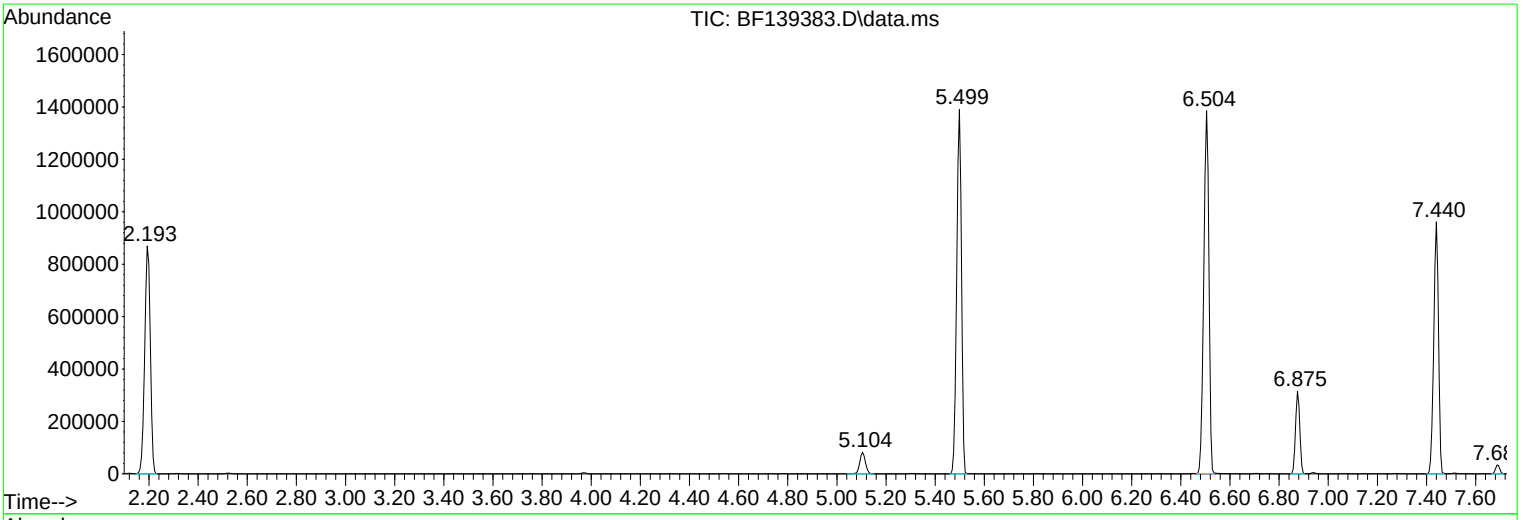
Sum of corrected areas: 18284881

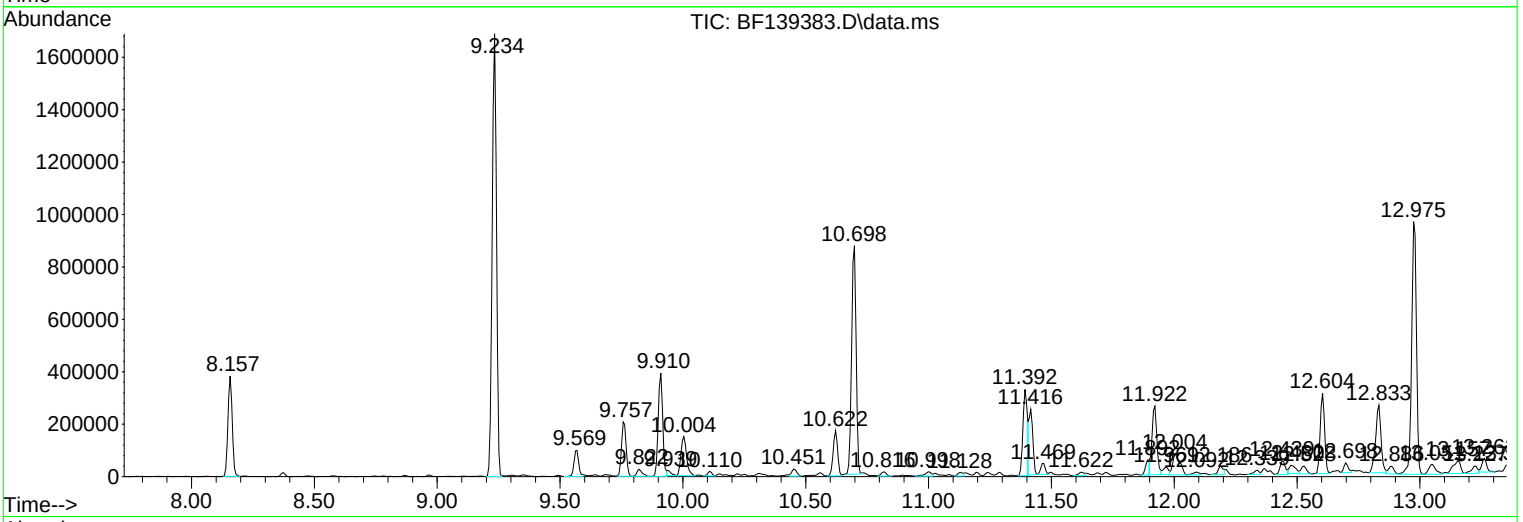
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

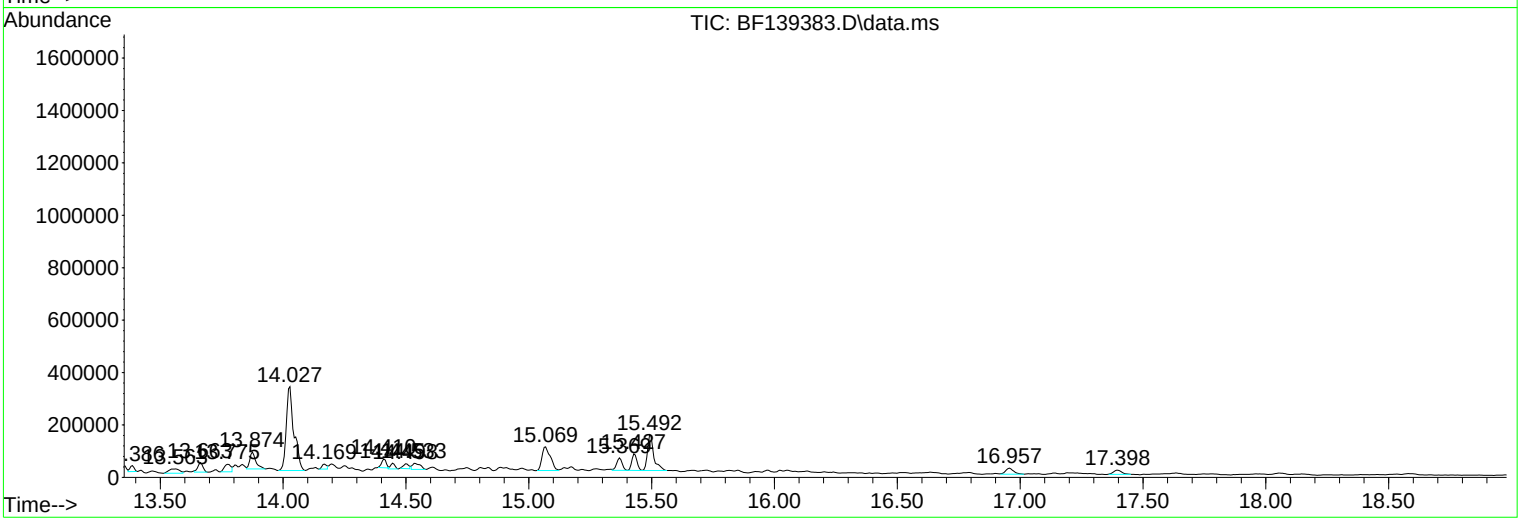
Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

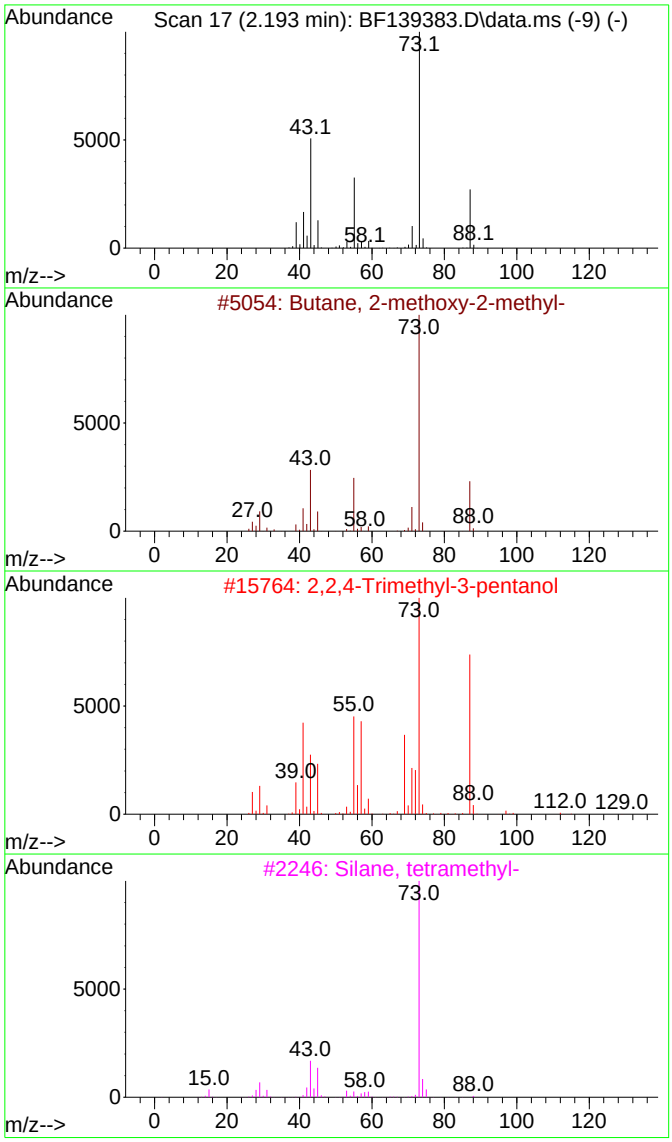
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

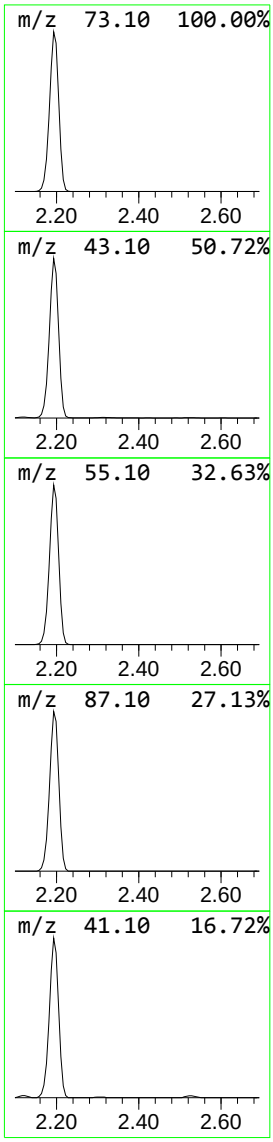
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	71.43 ng	1356530	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

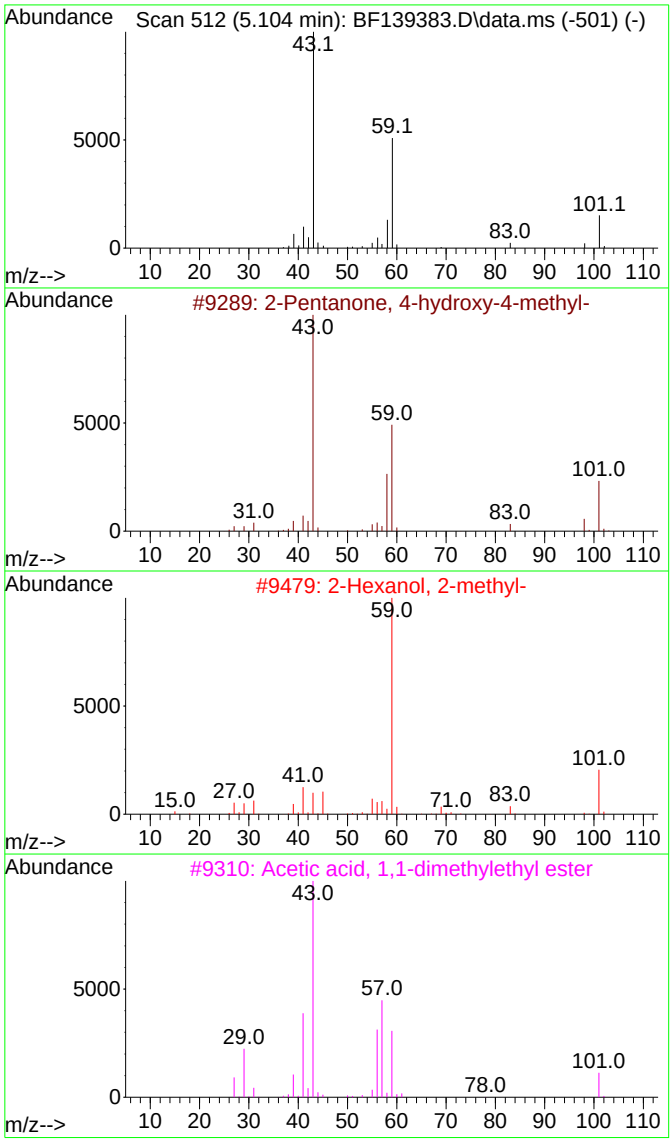
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

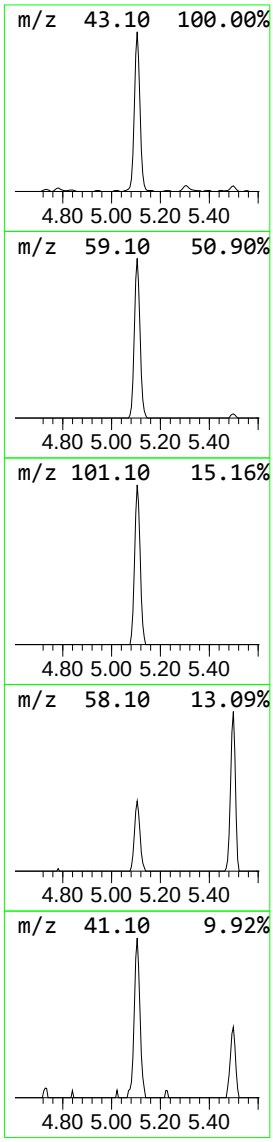
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	6.94 ng	131802	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

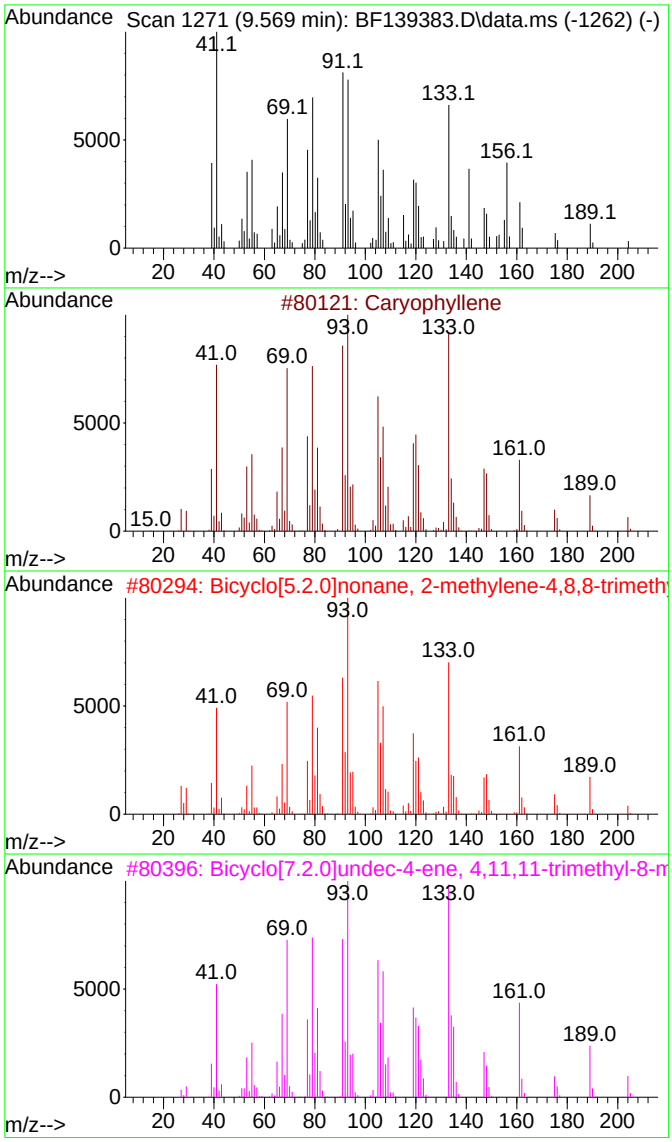
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

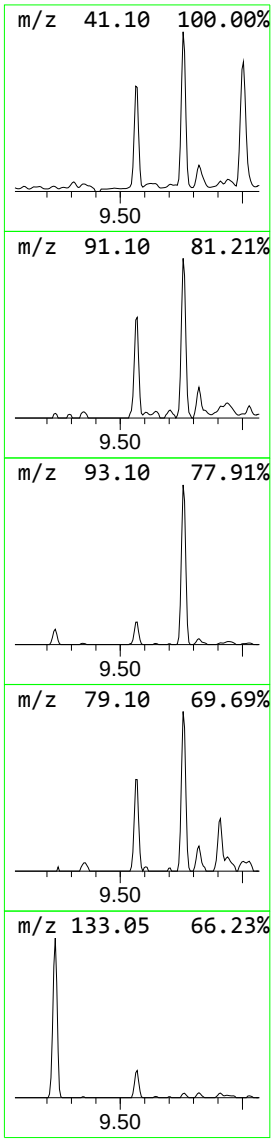
****

Peak Number 3 Caryophyllene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	5.47 ng	134421	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	91
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	70
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	70
5	(-)-delta.-Panasinsine	204	C15H24	1000156-11-8	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

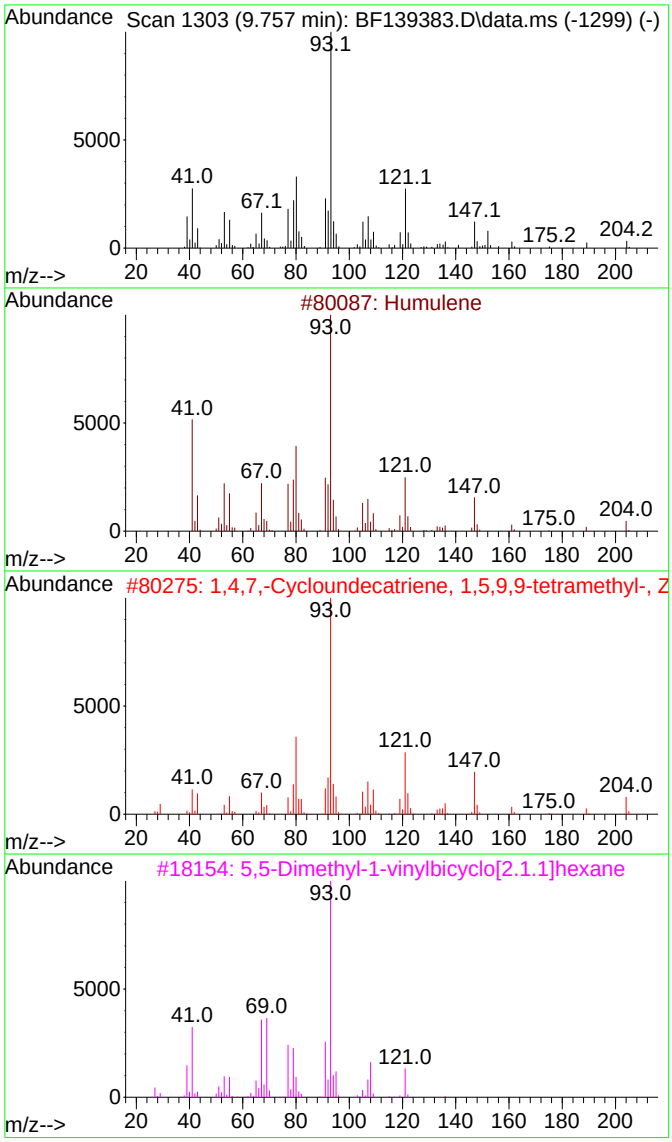
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

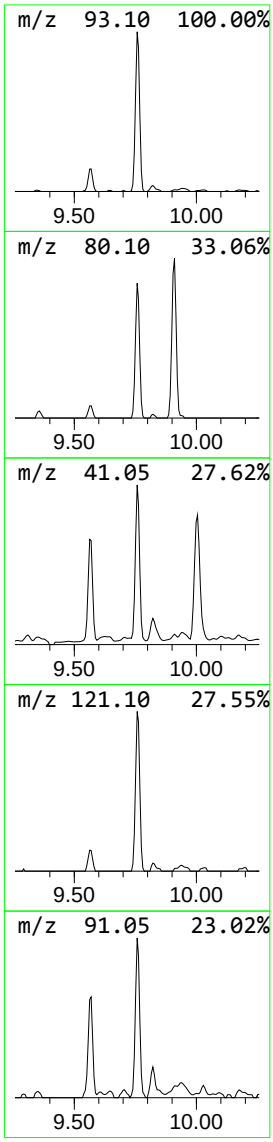
****

Peak Number 4 Humulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	10.97 ng	269661	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Humulene	204	C15H24	006753-98-6	99
2	1,4,7,-Cycloundecatriene, 1,5,9,...	204	C15H24	1000062-61-9	72
3	5,5-Dimethyl-1-vinylbicyclo[2.1....	136	C10H16	016626-39-4	59
4	4-Terpinenyl acetate	196	C12H20O2	004821-04-9	59
5	Chlorodimethylethylsilane	122	C4H11ClSi	006917-76-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

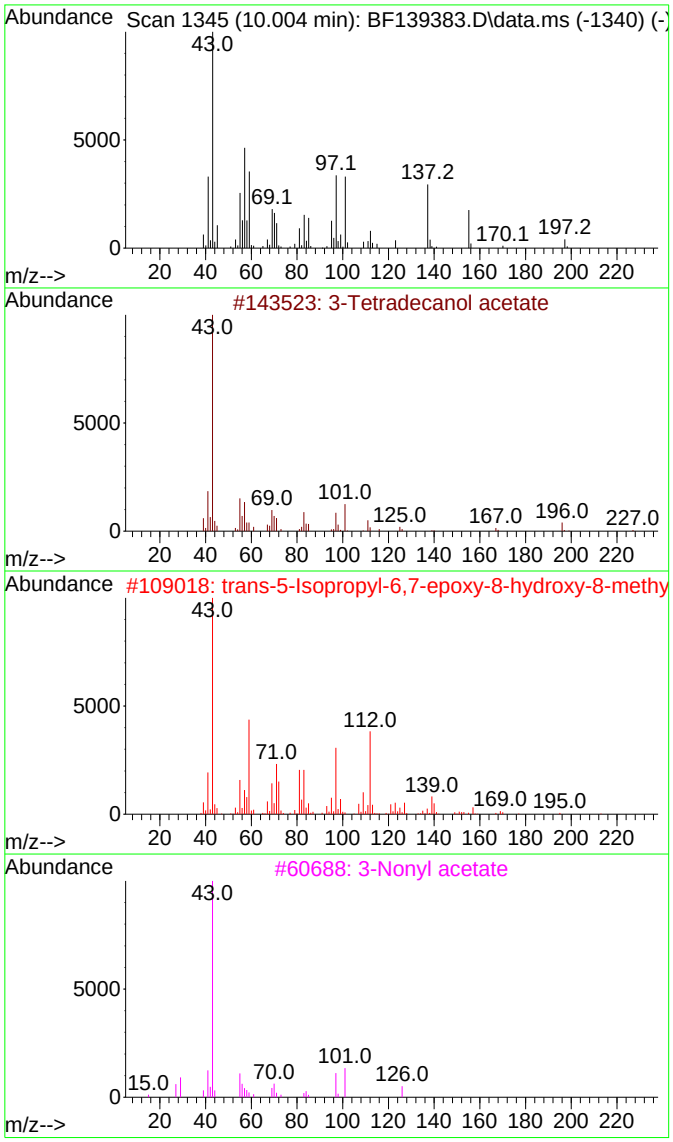
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

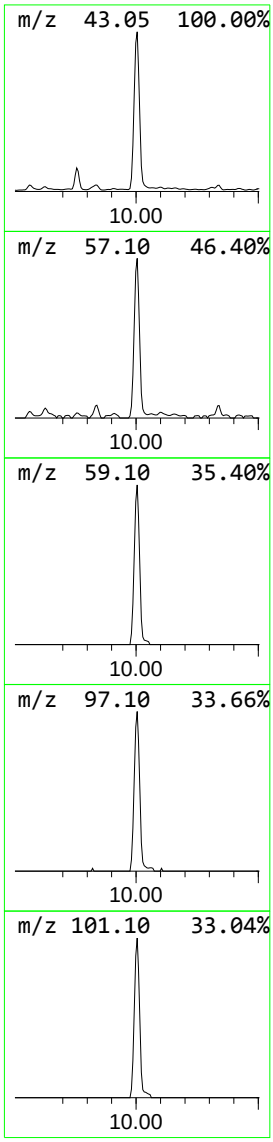
****

Peak Number 5 unknown10.004 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.004	9.54 ng	234405	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecanol acetate	256	C16H32O2	051354-23-5	25
2	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	16
3	3-Nonyl acetate	186	C11H22O2	1010429-16-2	12
4	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	10
5	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

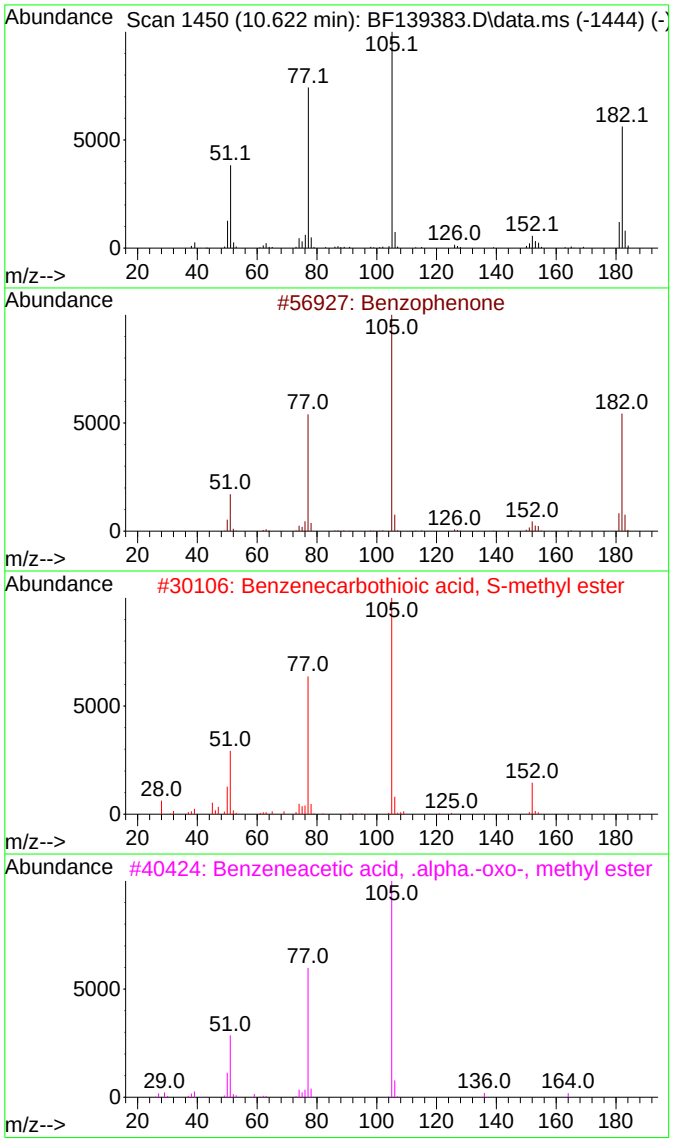
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

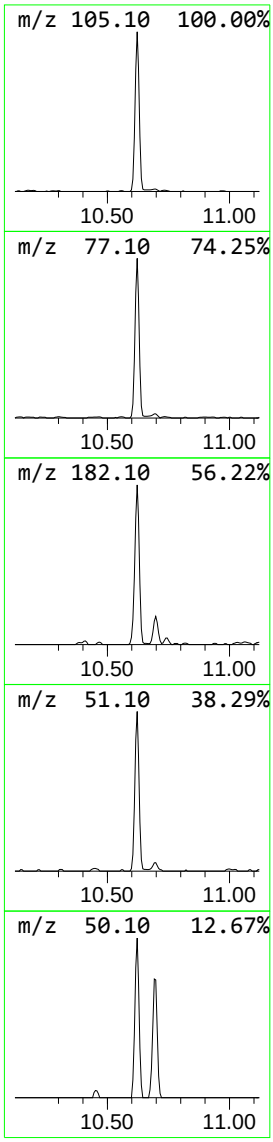
****

Peak Number 6 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	8.84 ng	217343	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	58
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	58
5	Vinyl benzoate	148	C9H8O2	000769-78-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

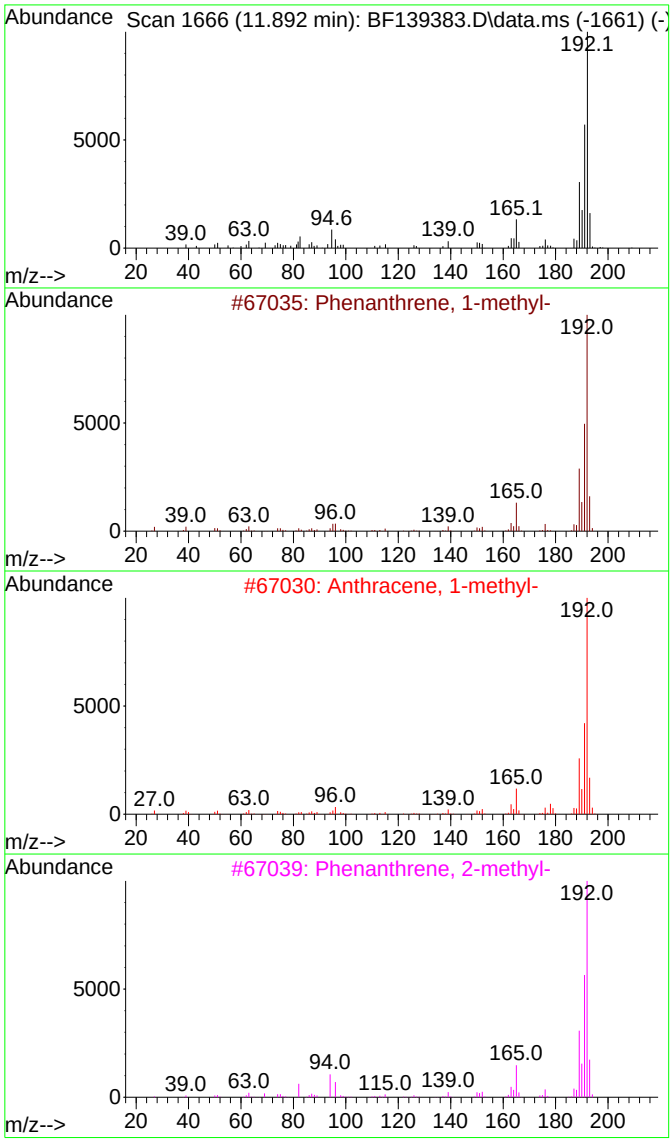
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

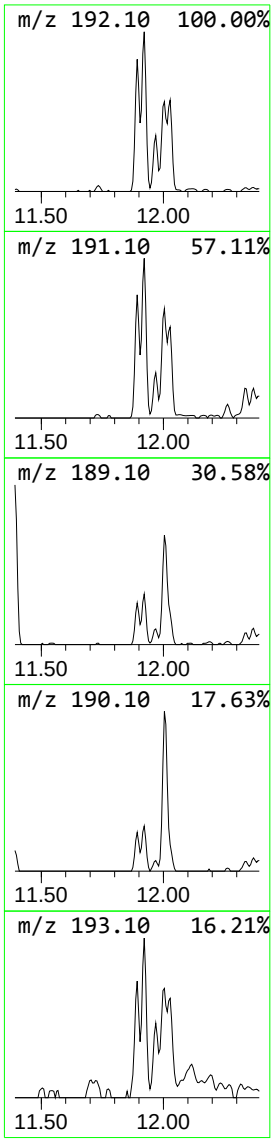
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.13 ng	65843	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

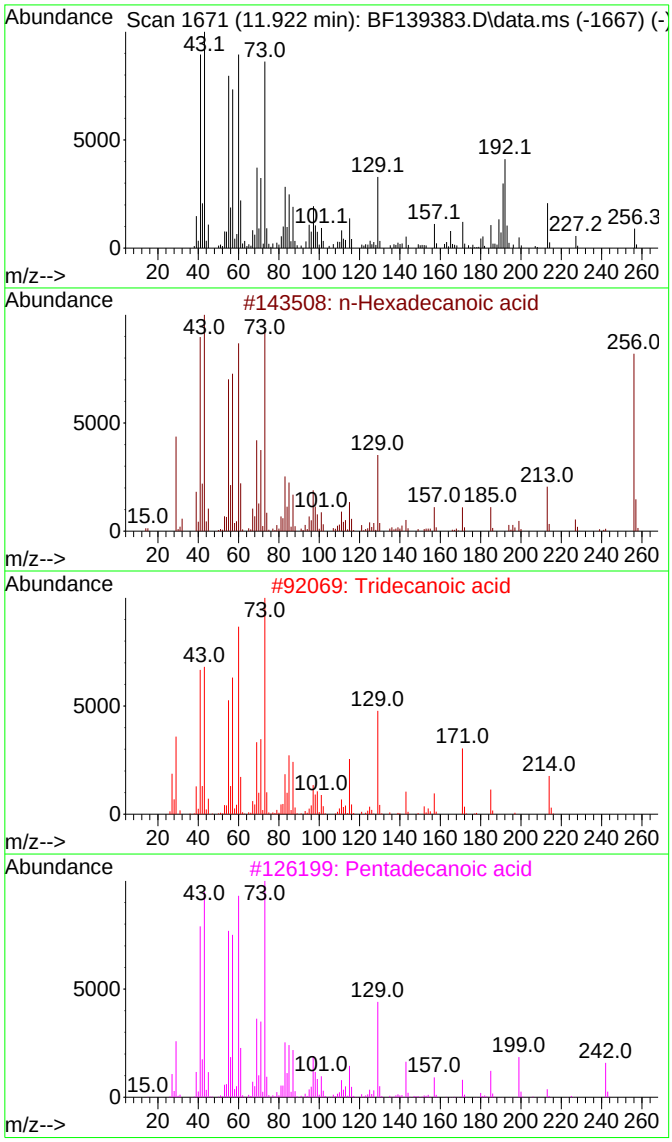
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

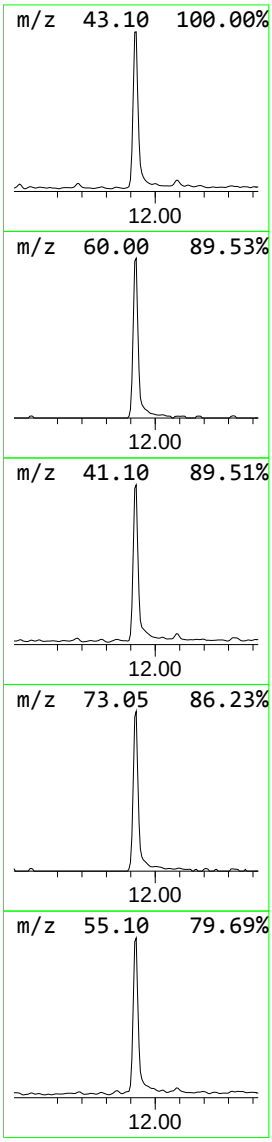
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	17.18 ng	360940	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

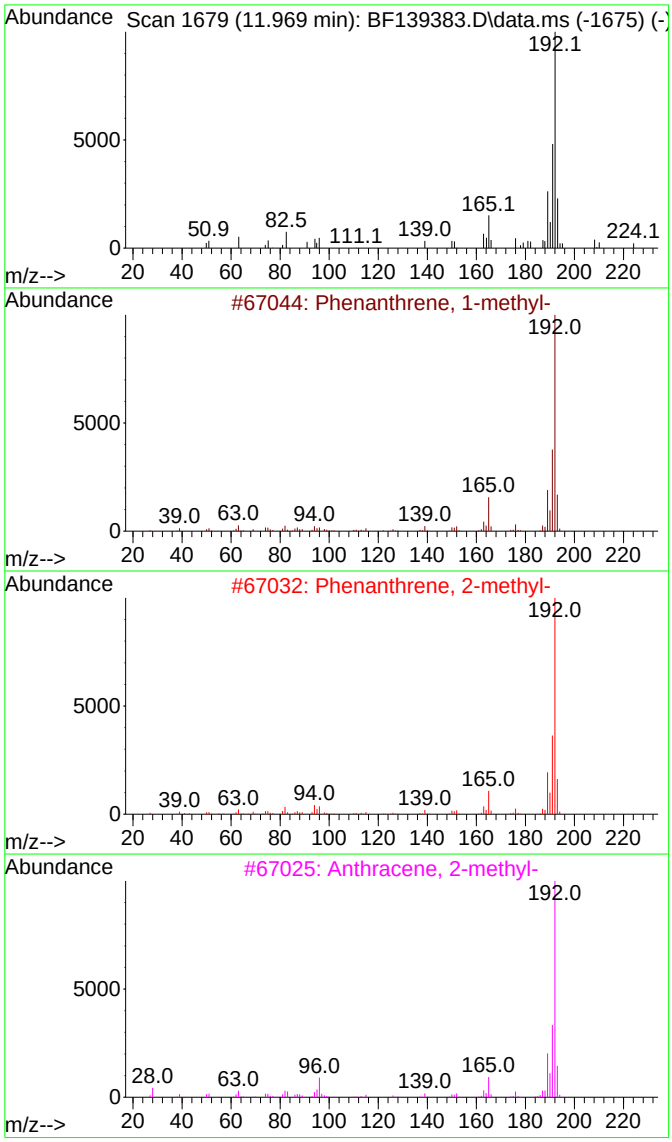
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

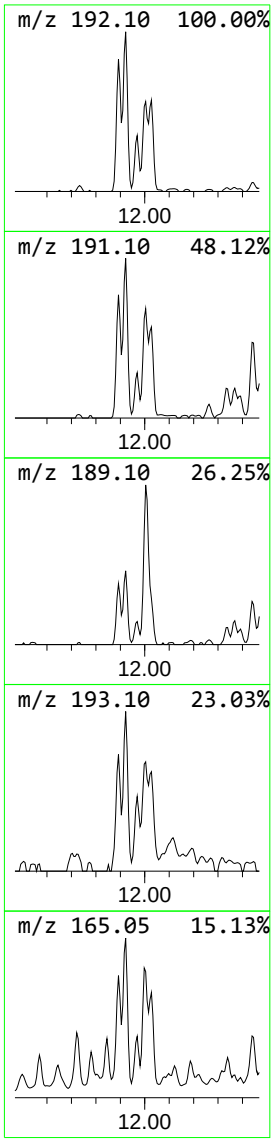
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.09 ng	43809	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

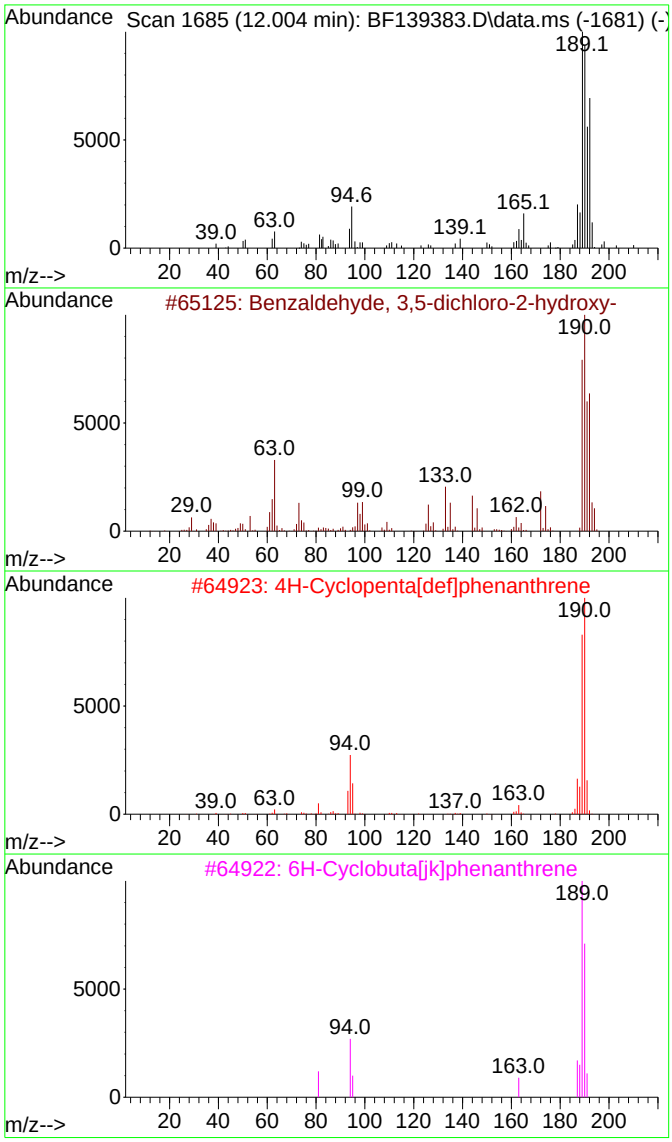
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

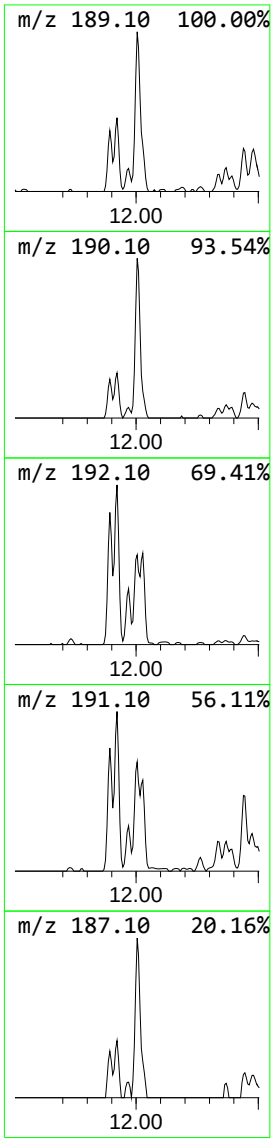
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	7.61 ng	159914	Phenanthrene-d10	11.392

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	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

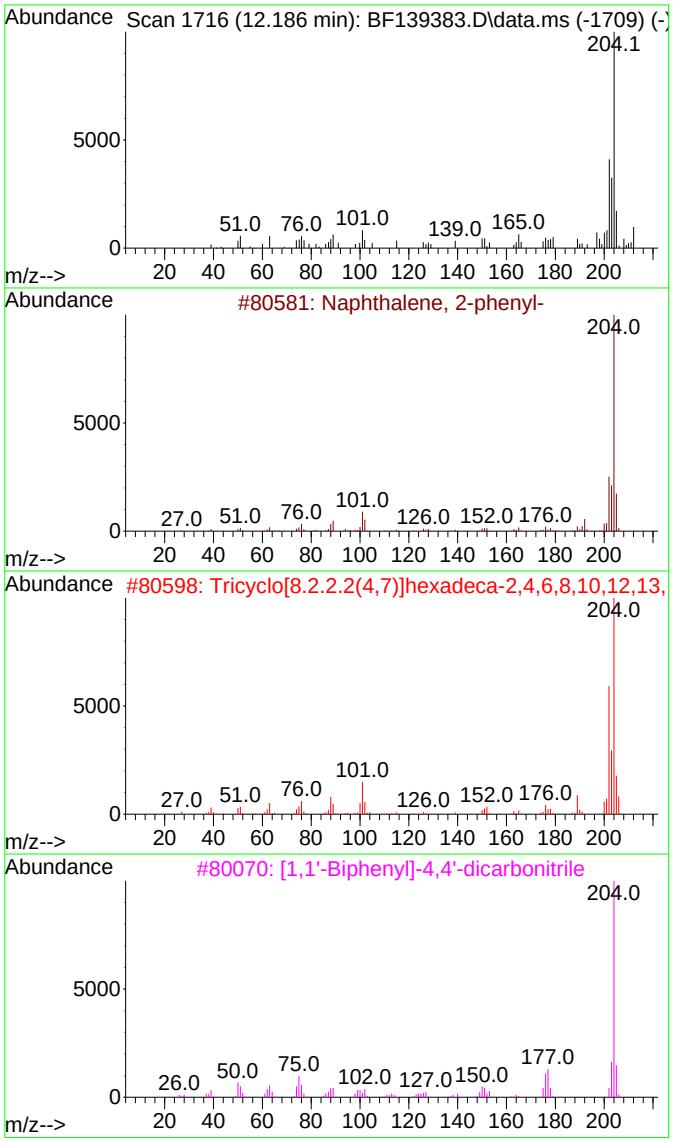
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

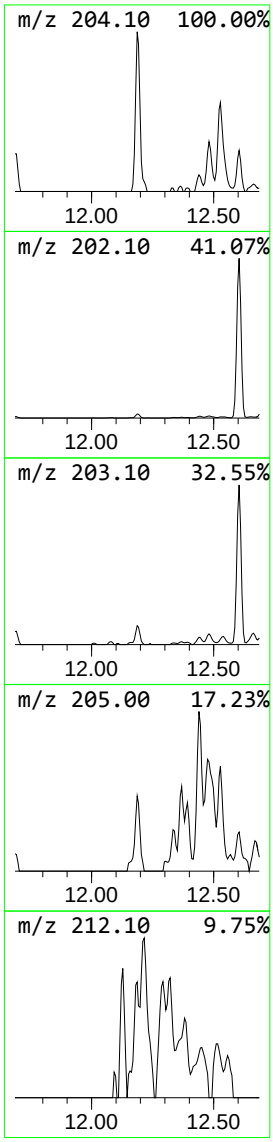
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	2.38 ng	49936	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	60
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

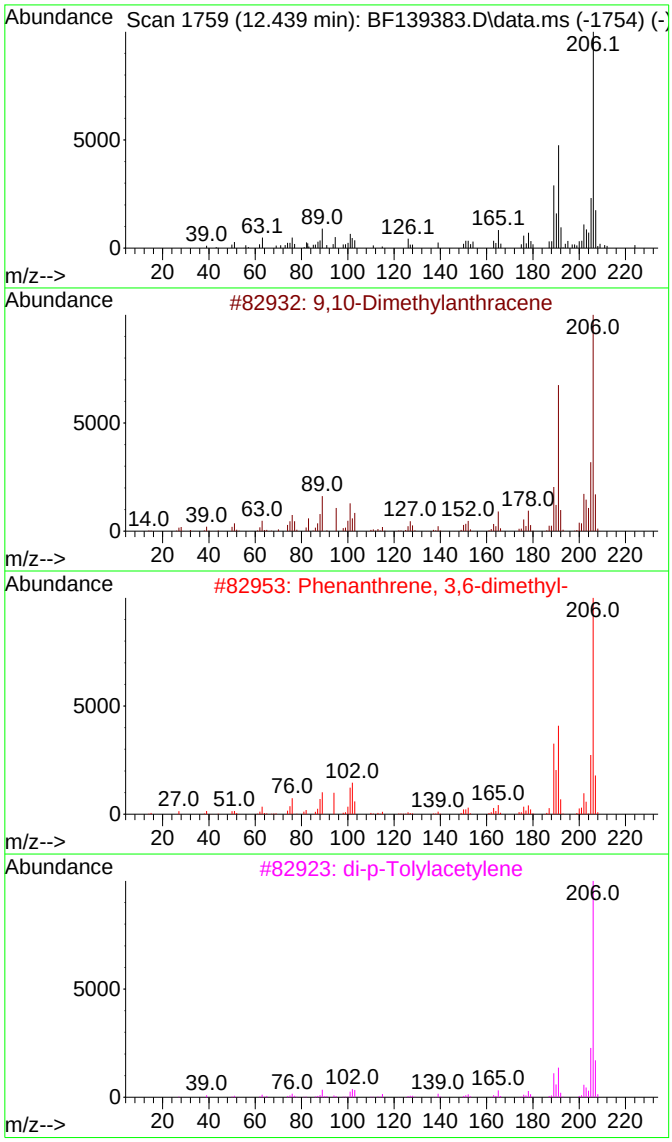
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

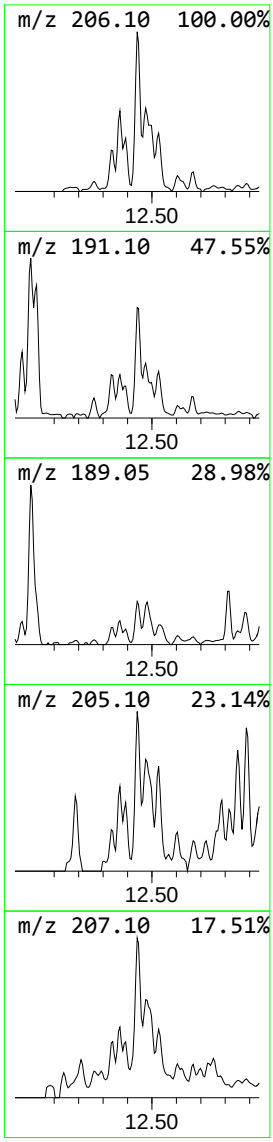
****

Peak Number 12 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	3.81 ng	80080	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

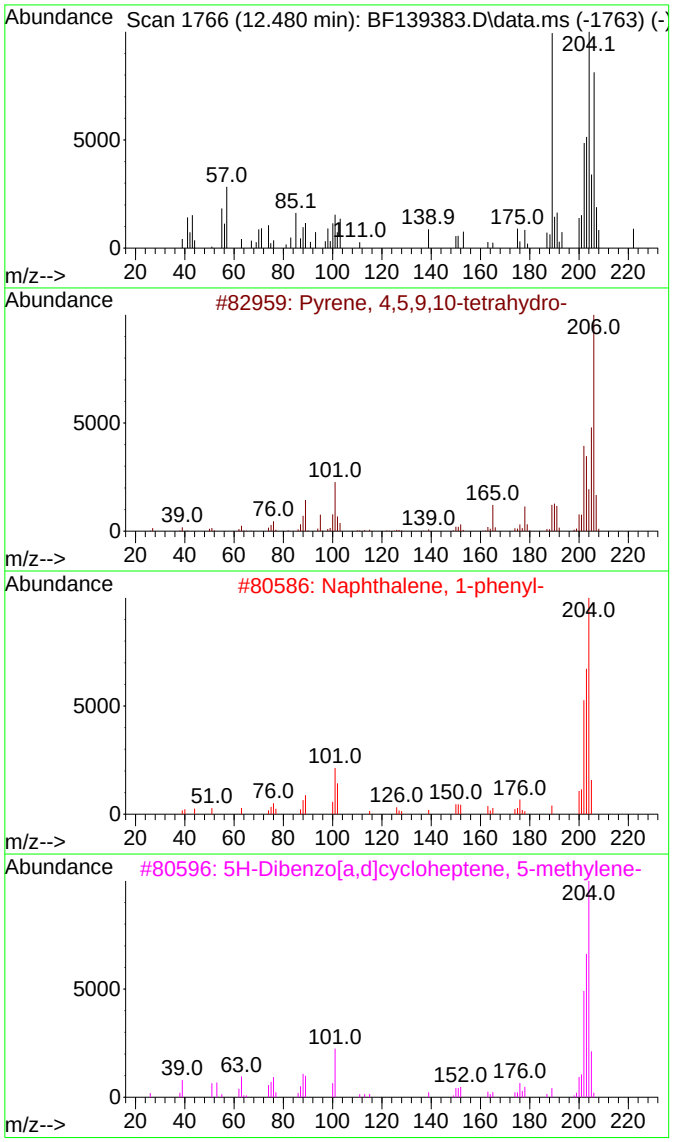
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

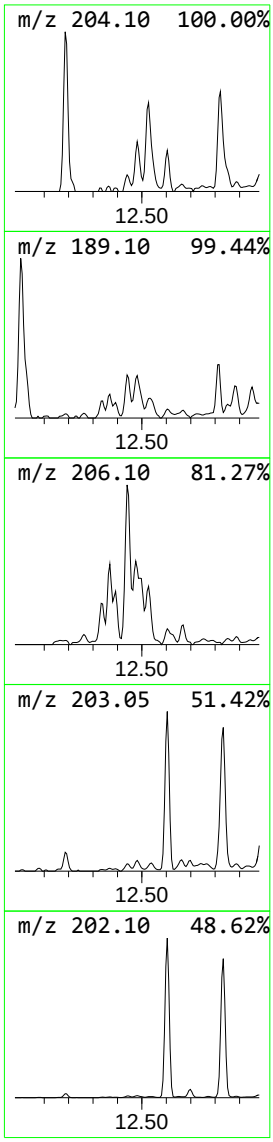
****

Peak Number 13 unknown12.480 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	2.75 ng	57855	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	47
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
4	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	35
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

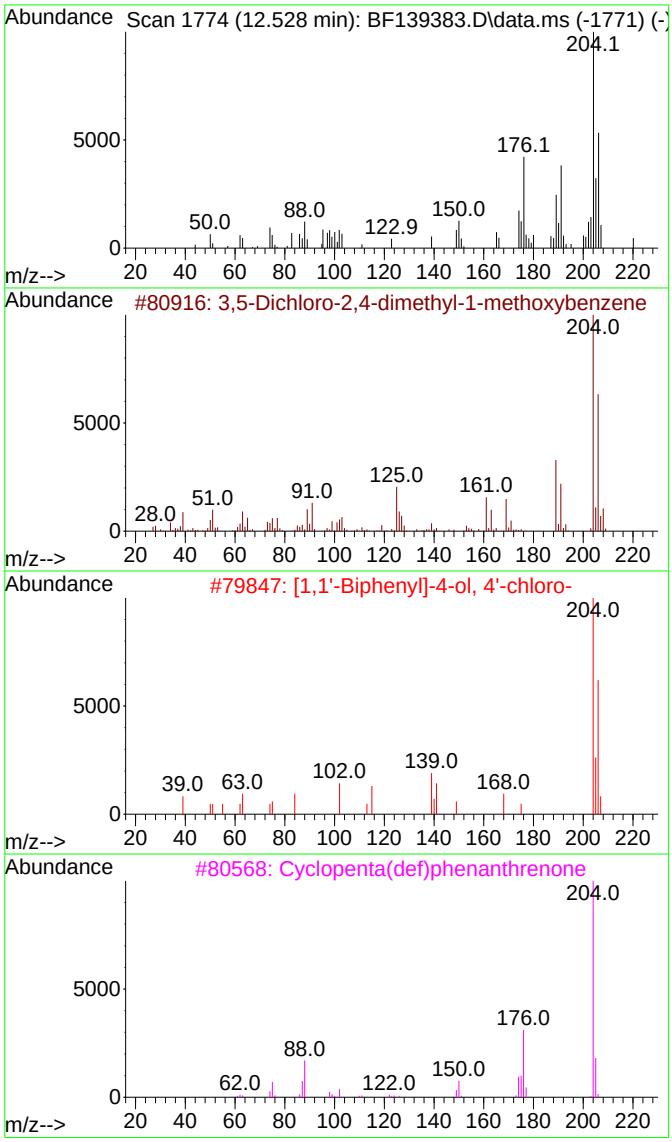
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

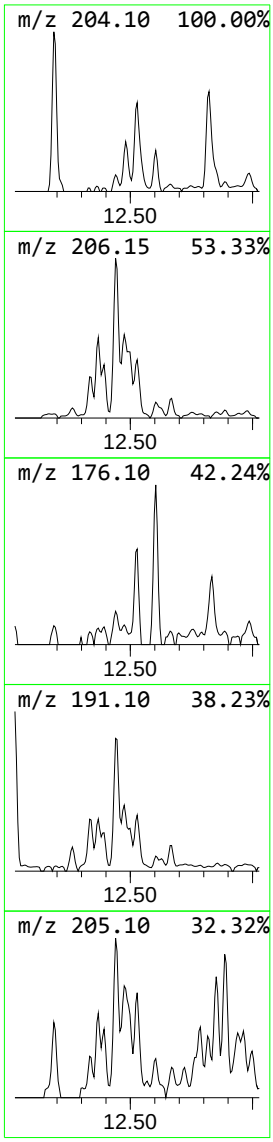
****

Peak Number 14 unknown12.528 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.528	2.04 ng	42774	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	49
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	38
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

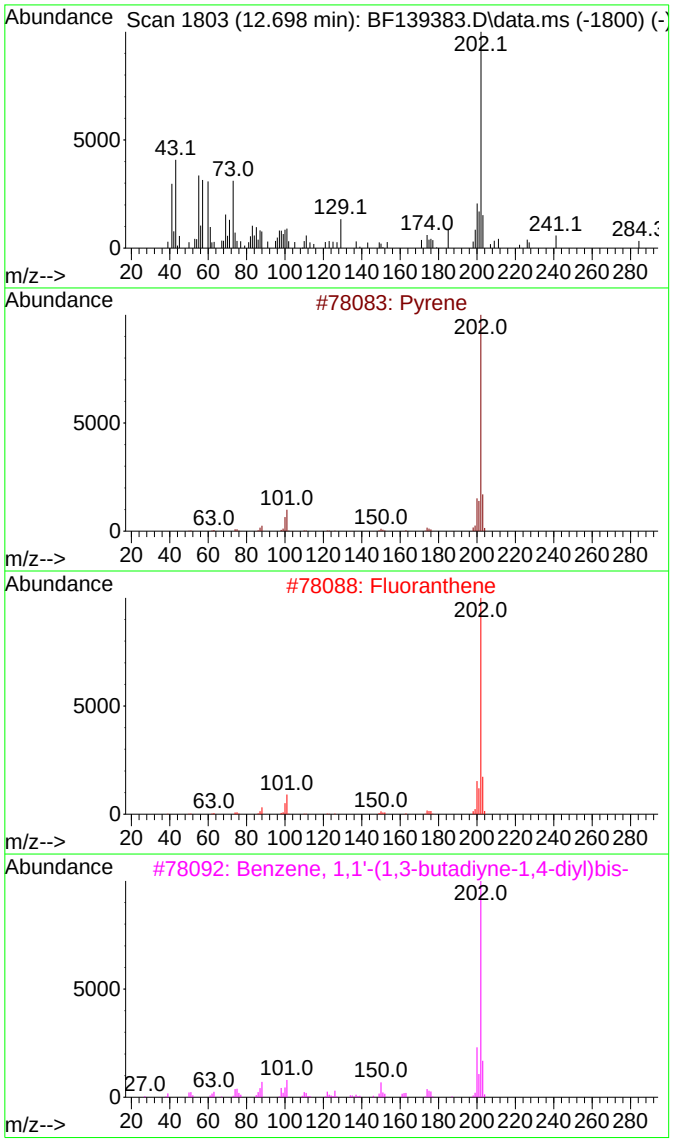
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

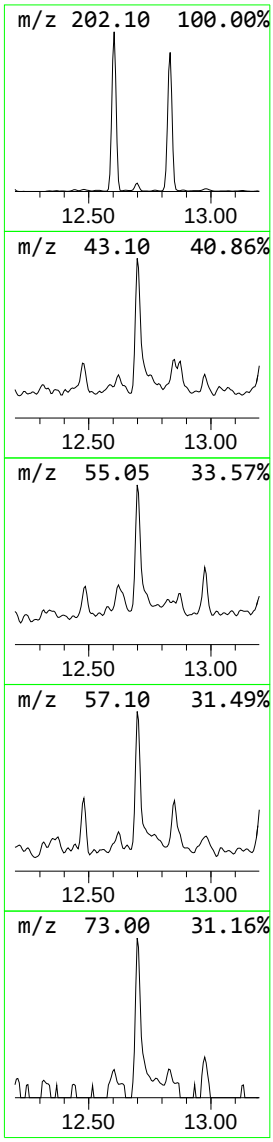
****

Peak Number 15 unknown12.698 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	2.13 ng	44839	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	52
2	Fluoranthene	202	C16H10	000206-44-0	50
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	49
4	Acetic acid, (2-naphthalenyloxy)-	202	C12H10O3	000120-23-0	43
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

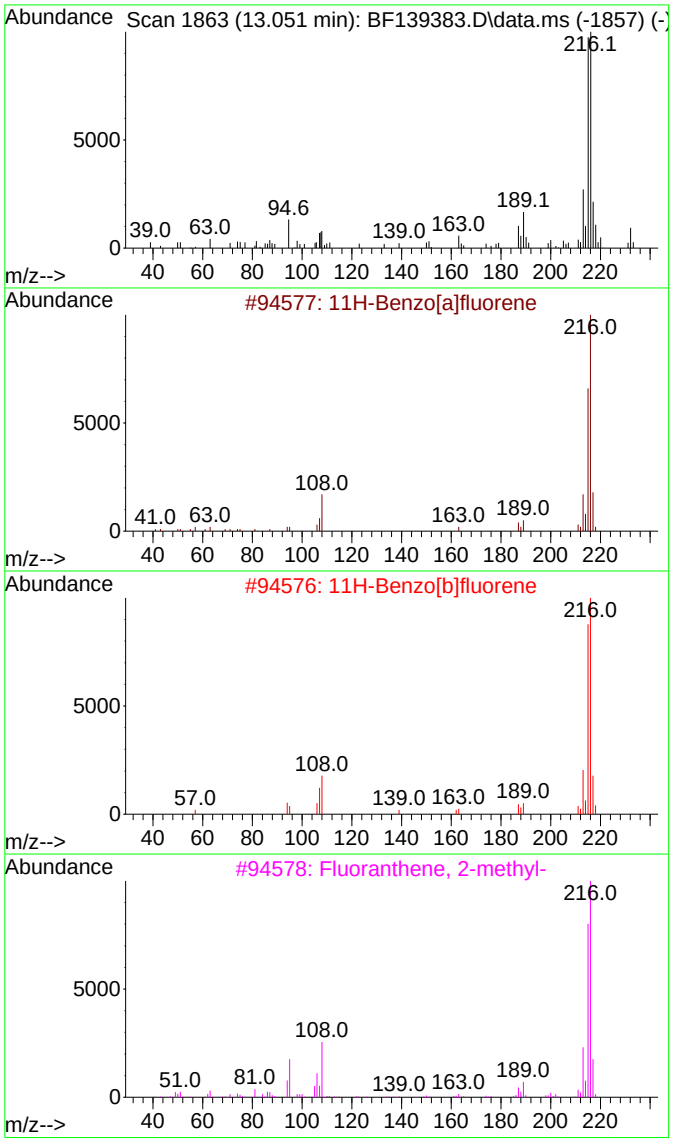
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

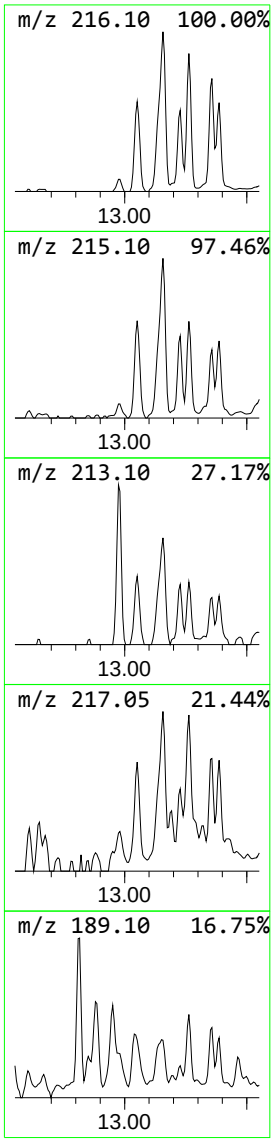
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	2.21 ng	76210	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

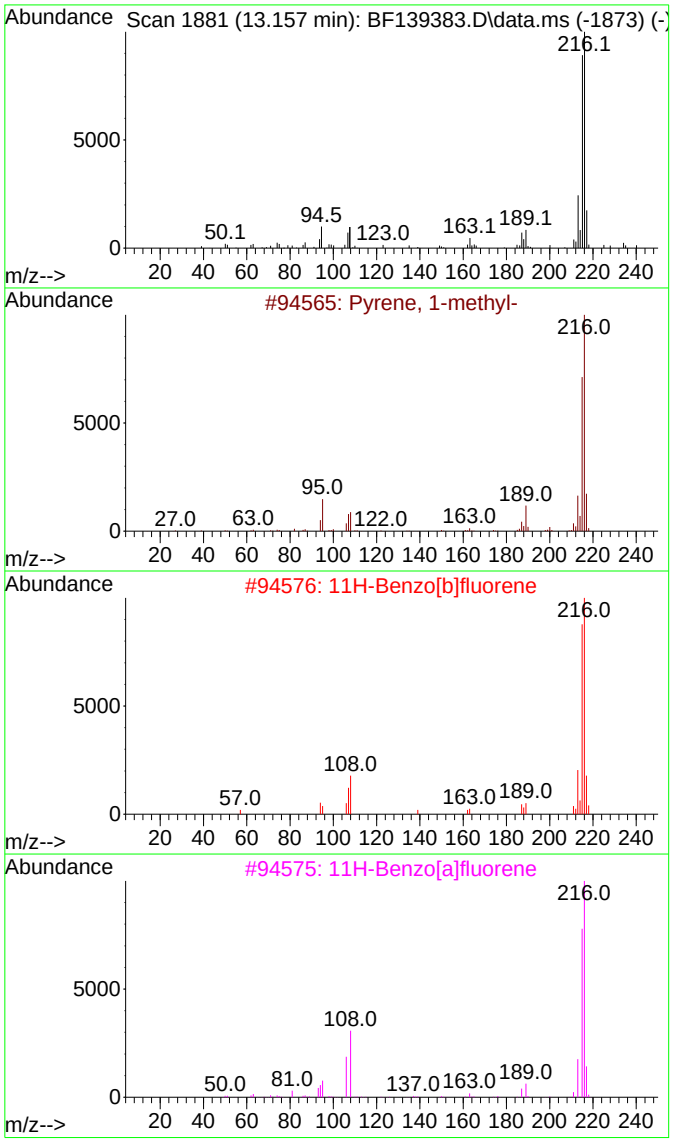
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

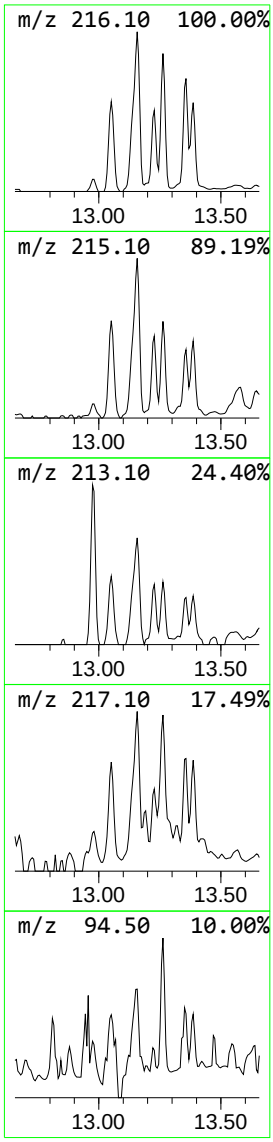
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.92 ng	100716	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

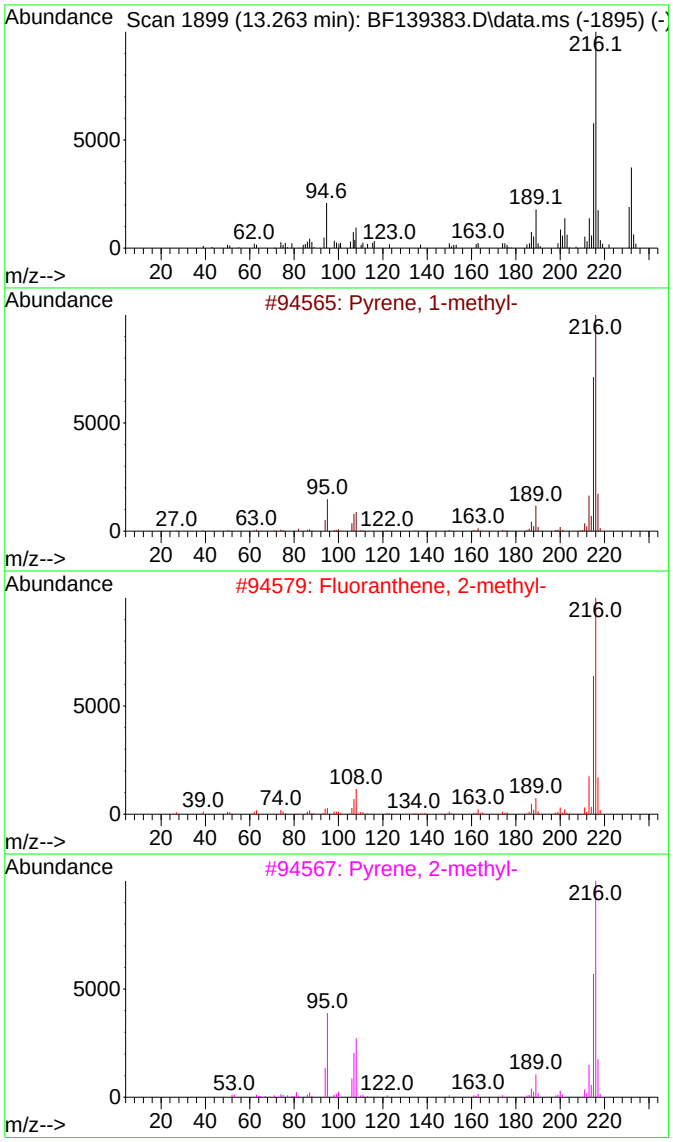
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

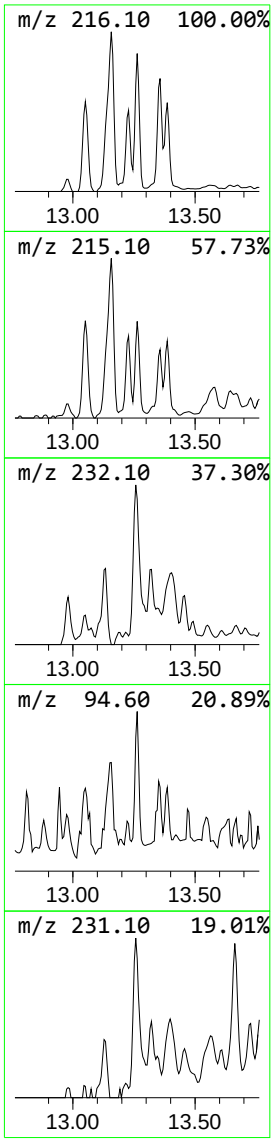
****

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	2.04 ng	70566	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

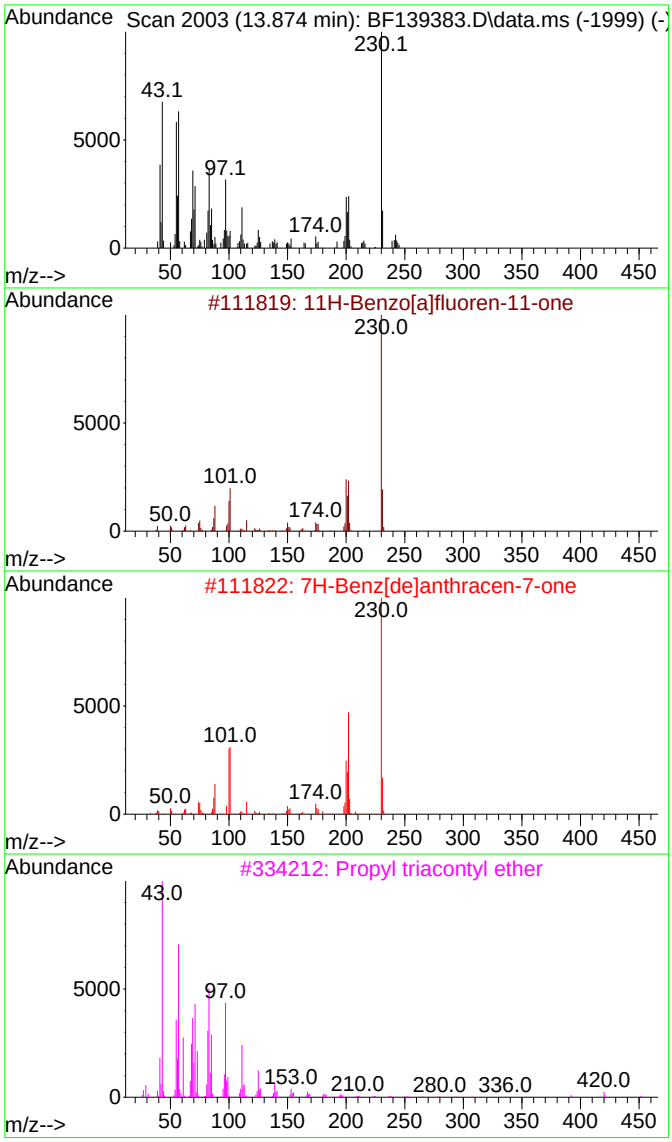
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

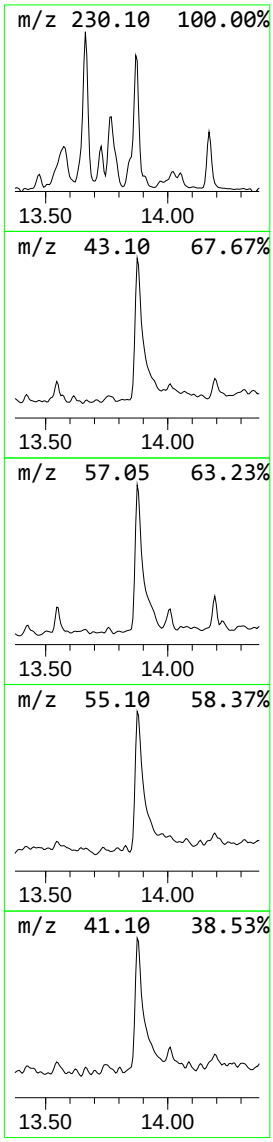
****

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.14 ng	108483	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	92
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49
3	Propyl triacontyl ether	481	C33H68O	1000406-28-6	35
4	Octacosyl propyl ether	452	C31H64O	1000406-28-5	35
5	1-Docosene	308	C22H44	001599-67-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

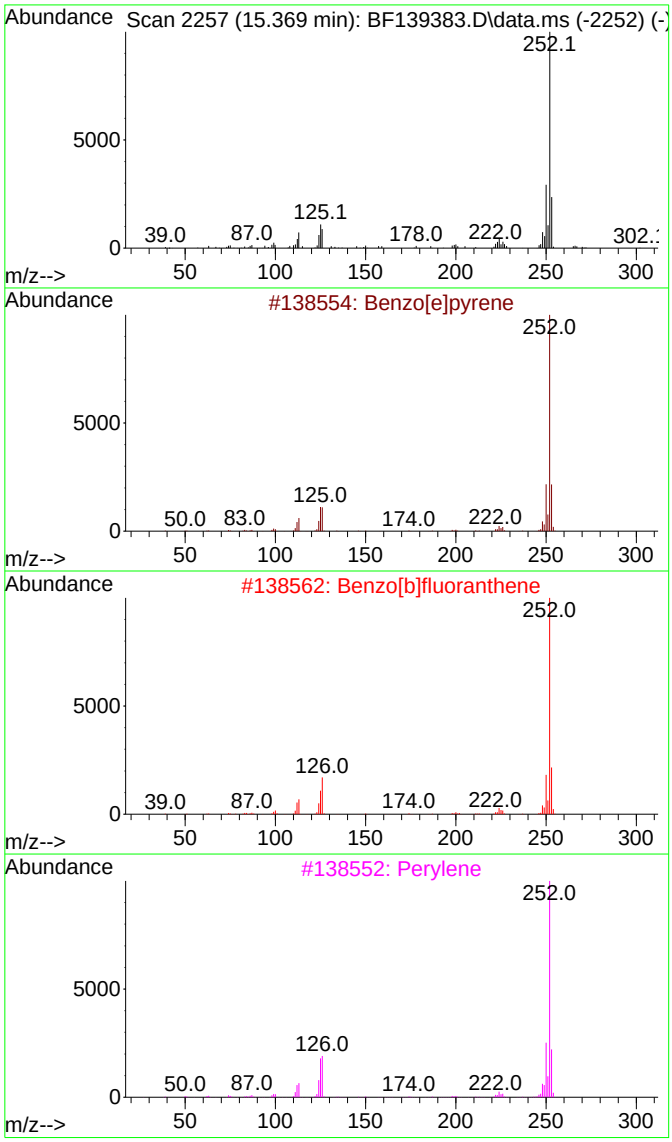
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

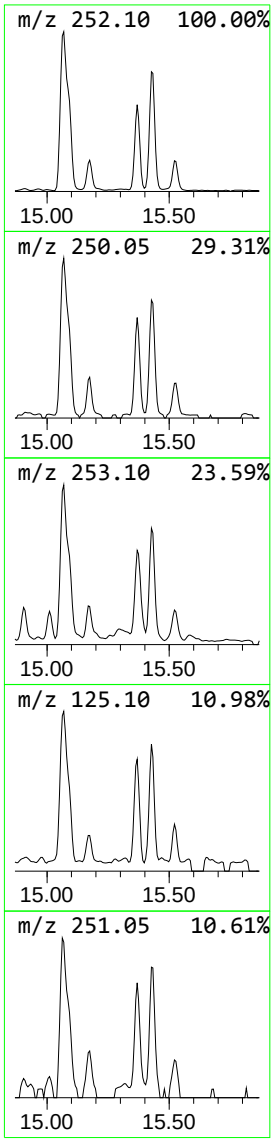
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	6.00 ng	73426	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139383.D
Acq On : 16 Sep 2024 17:27
Operator : RC/JU
Sample : P3947-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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
Butane, 2-metho...	2.193	71.4	ng	1356530	1	6.875	379829	20.0
2-Pentanone, 4-...	5.104	6.9	ng	131802	1	6.875	379829	20.0
Caryophyllene	9.569	5.5	ng	134421	3	9.910	491657	20.0
Humulene	9.757	11.0	ng	269661	3	9.910	491657	20.0
unknown10.004	10.004	9.5	ng	234405	3	9.910	491657	20.0
Benzophenone	10.622	8.8	ng	217343	3	9.910	491657	20.0
Phenanthrene, 1...	11.892	3.1	ng	65843	4	11.392	420177	20.0
n-Hexadecanoic ...	11.922	17.2	ng	360940	4	11.392	420177	20.0
Phenanthrene, 2...	11.969	2.1	ng	43809	4	11.392	420177	20.0
Benzaldehyde, 3...	12.004	7.6	ng	159914	4	11.392	420177	20.0
Naphthalene, 2-...	12.186	2.4	ng	49936	4	11.392	420177	20.0
9,10-Dimethylan...	12.439	3.8	ng	80080	4	11.392	420177	20.0
unknown12.480	12.480	2.8	ng	57855	4	11.392	420177	20.0
unknown12.528	12.528	2.0	ng	42774	4	11.392	420177	20.0
unknown12.698	12.698	2.1	ng	44839	4	11.392	420177	20.0
11H-Benzo[a]flu...	13.051	2.2	ng	76210	5	14.027	690715	20.0
Pyrene, 1-methyl-	13.157	2.9	ng	100716	5	14.027	690715	20.0
Fluoranthene, 2...	13.263	2.0	ng	70566	5	14.027	690715	20.0
11H-Benzo[a]flu...	13.874	3.1	ng	108483	5	14.027	690715	20.0
Benzo[e]pyrene	15.368	6.0	ng	73426	6	15.492	244944	20.0