LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-371

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	560	565	585	rVB	1206398	1602221	30.85%	2.946%
2	6.434	733	738	757	rVB	1211305	1605349	30.91%	2.952%
3	6.793	794	799	805	rBV	417876	508435	9.79%	0.935%
4	7.357	888	895	901	rBV	790951	1053406	20.28%	1.937%
5	8.075	1012	1017	1027	rBV	532691	713807	13.75%	1.312%
6	9.151	1194	1200	1205	rVB	1415359	1772238	34.13%	3.258%
7	9.251	1209	1217	1221	rBV3	25368	53515	1.03%	0.098%
8	9.486	1249	1257	1260	rBV2	40668	74091	1.43%	0.136%
9	9.686	1287	1291	1297	rBV	139936	189018	3.64%	0.348%
10	9.828	1309	1315	1318	rBV	545306	698441	13.45%	1.284%
11	9.863	1318	1321	1325	rVB	155014	187625	3.61%	0.345%
12	10.033	1346	1350	1354	rVV	118846	153436	2.95%	0.282%
13	10.151	1366	1370	1376	rBV4	37106	81986	1.58%	0.151%
14	10.233	1381	1384	1390	rVV4	44491	72194	1.39%	0.133%
15	10.375	1404	1408	1414	rBV	131632	179404	3.45%	0.330%
16	10.539	1432	1436	1442	rVB2	122240	164787	3.17%	0.303%
17	10.616	1444	1449	1454	rBV	736741	968239	18.64%	1.780%
18	10.745	1466	1471	1477	rBV3	145426	223436	4.30%	0.411%
19	11.122	1531	1535	1540	rBV2	259704	337872	6.51%	0.621%
20	11.216	1547	1551	1555	rVB2	127524	178225	3.43%	0.328%
21	11.345	1564	1573	1577	rBV2	1371661	2335493	44.97%	4.294%
22	11.392	1577	1581	1585	rVV	501208	605612	11.66%	1.113%
23	11.551	1602	1608	1615	rBV2	333686	590192	11.36%	1.085%
24	11.816	1649	1653	1655	rBV2	152100	198730	3.83%	0.365%
25	11.851	1655	1659	1663	rVB2	407388	548458	10.56%	1.008%
26	11.933	1669	1673	1681	rVB2	310445	602981	11.61%	1.109%
27	12.139	1701	1708	1713	rVB3	483921	919511	17.71%	1.691%
28	12.380	1744	1749	1758	rBV3	180892	472987	9.11%	0.870%
29	12.457	1758	1762	1767	rVB	384304	495327	9.54%	0.911%
30	12.539	1770	1776	1781	rBV	3299652	4873041	93.84%	8.960%
31	12.633	1789	1792	1795	rBV2	84546	95692	1.84%	0.176%
32	12.680	1796	1800	1805	rVV3	160027	256193	4.93%	0.471%
33	12.769	1808	1815	1820	rBV2	3085813	5193105	100.00%	9.548%
34	12.810	1820	1822	1828	rVB2	188328	268197	5.16%	0.493%
35	12.910	1830	1839	1845	rBV3	1138874	2402529	46.26%	4.417%
36	12.980	1846	1851	1855	rBV2	320298	554021	10.67%	1.019%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.086	1862	1869	1873	rVB3	397422	911944	17.56%	1.677%
38	13.157	1878	1881	1883	rVV	213900	240449	4.63%	0.442%
39	13.192	1883	1887	1895	rVB3	418743	676518	13.03%	1.244%
40	13.286	1900	1903	1906	rBV	223623	272976	5.26%	0.502%
41	13.316	1906	1908	1912	rVB2	131751	153926	2.96%	0.283%
42	13.598	1952	1956	1961	rVB	519419	694035	13.36%	1.276%
43	13.710	1971	1975	1978	rBV2	497402	714937	13.77%	1.314%
44	13.739	1978	1980	1981	rVV	344834	334468	6.44%	0.615%
45	13.763	1982	1984	1989	rVV2	660092	1028765	19.81%	1.891%
46	13.810	1989	1992	1996	rVV	456322	591204	11.38%	1.087%
47	13.851	1996	1999	2002	rVB	212383	244397	4.71%	0.449%
48	13.957	2010	2017	2020	rBV2	1606182	3172244	61.09%	5.832%
49	13.998	2020	2024	2030	rVB	2012835	3299549	63.54%	6.067%
50	14.345	2080	2083	2087	rVB	244363	323716	6.23%	0.595%
51	14.386	2087	2090	2094	rVB2	322235	425078	8.19%	0.782%
52	14.474	2102	2105	2112	rVB2	252497	482757	9.30%	0.888%
53	14.657	2132	2136	2139	rBV	166237	252022	4.85%	0.463%
54	14.763	2152	2154	2159	rVB2	168888	197834	3.81%	0.364%
55	15.004	2188	2195	2203	rBV	1713298	4148683	79.89%	7.628%
56	15.104	2209	2212	2216	rVB	179314	213782	4.12%	0.393%
57	15.298	2240	2245	2250	rVB	811369	1304134	25.11%	2.398%
58	15.357	2250	2255	2260	rBV	687727	1023404	19.71%	1.882%
59	15.415	2261	2265	2268	rBV2	256237	436460	8.40%	0.802%
60	16.521	2449	2453	2468	rVB5	129055	346325	6.67%	0.637%
61	16.851	2503	2509	2515	rBV2	313319	659651	12.70%	1.213%
62	16.915	2515	2520	2531	rVB3	202980	418605	8.06%	0.770%
63	17.292	2577	2584	2597	rVB	244770	591993	11.40%	1.088%

Sum of corrected areas: 54389650

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
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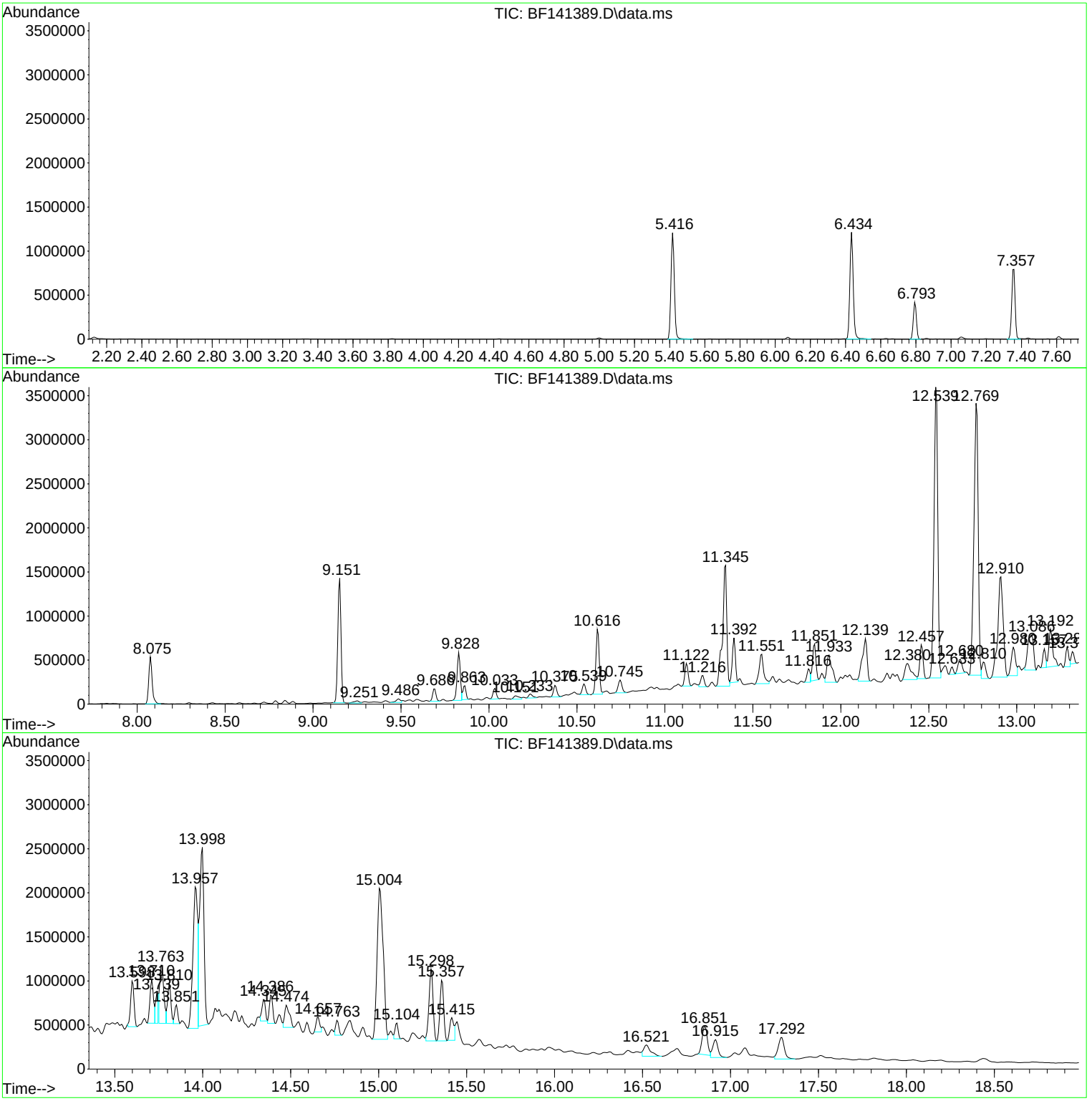
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

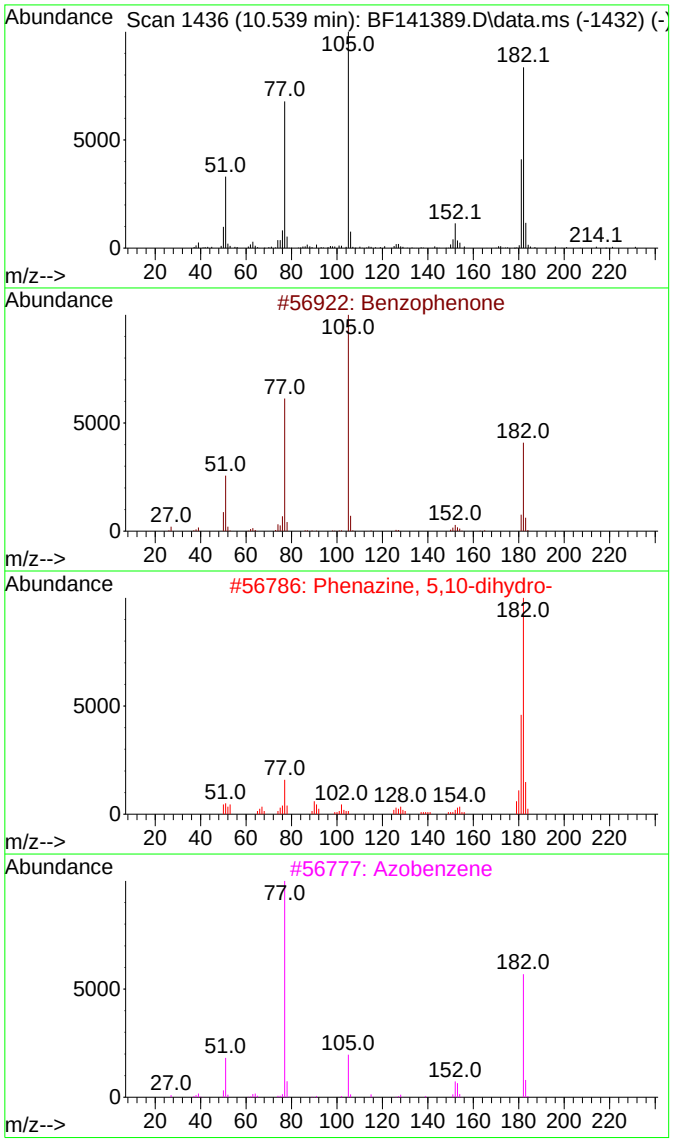
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

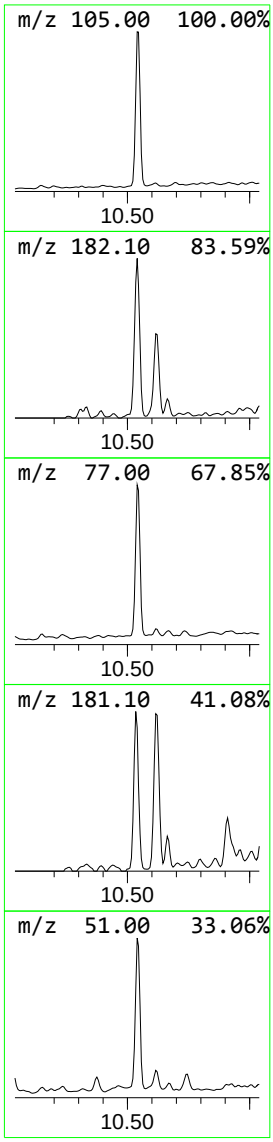
****

Peak Number 1 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	4.72 ng	164787	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	52
3	Azobenzene	182	C12H10N2	000103-33-3	49
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

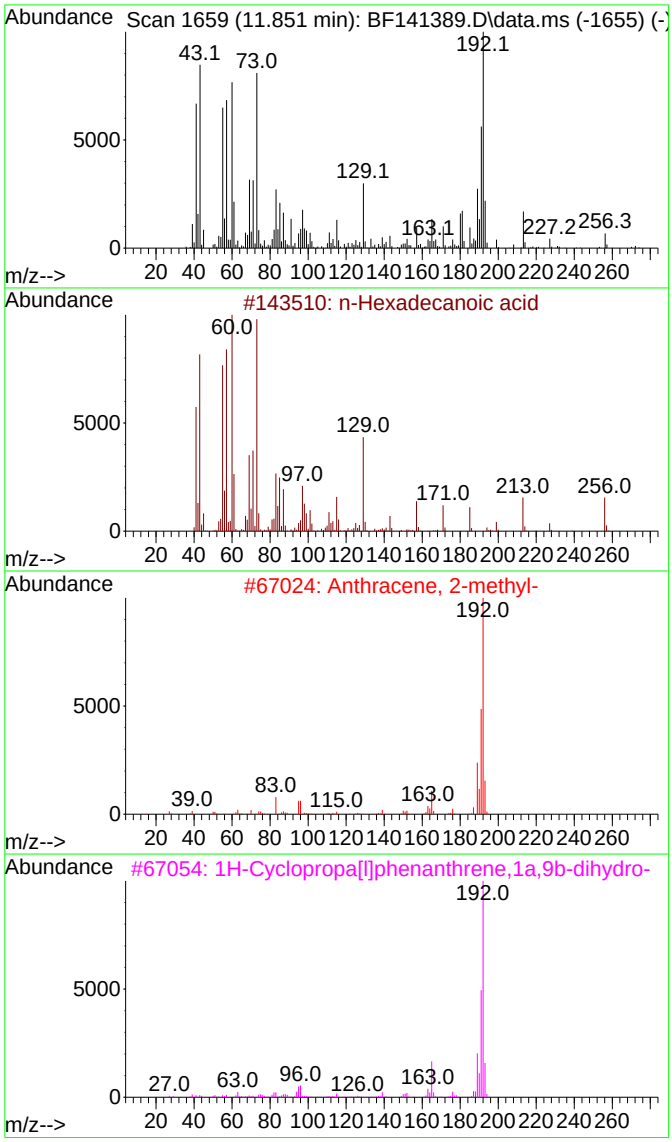
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

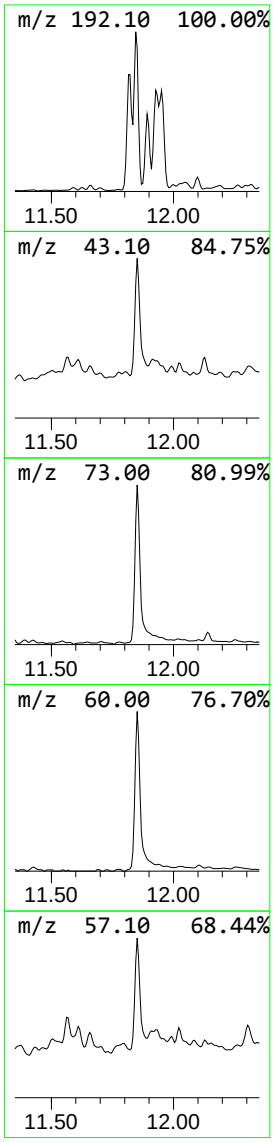
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	4.70 ng	548458	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

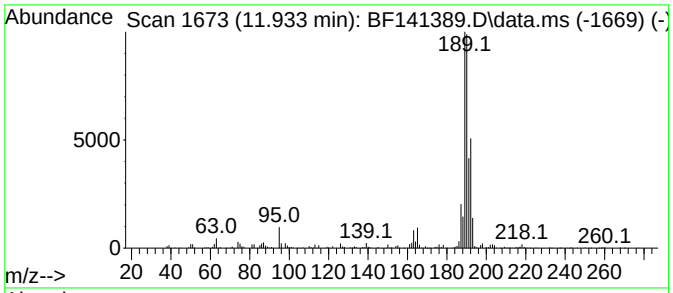
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

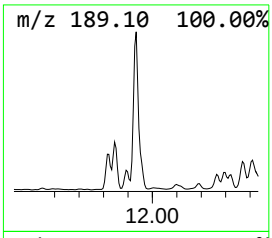
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

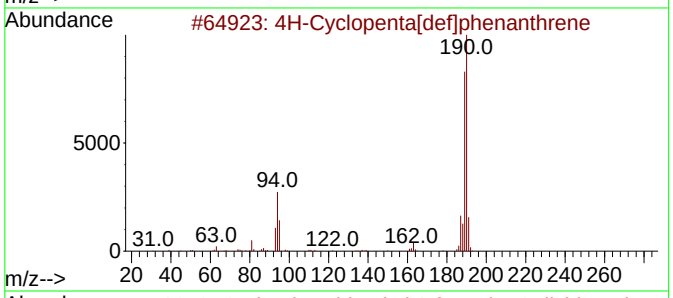
****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

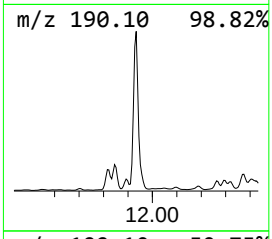
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.16 ng	602981	Phenanthrene-d10	11.316

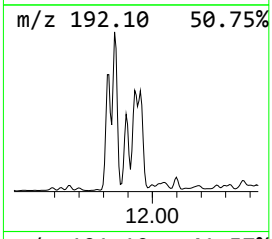
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25

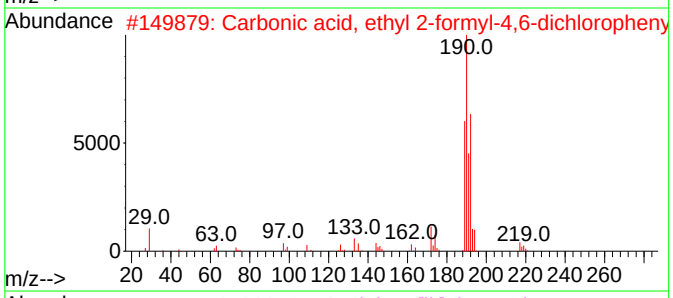


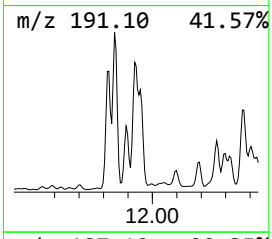


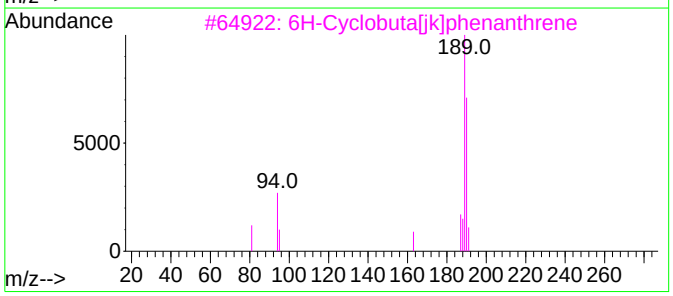


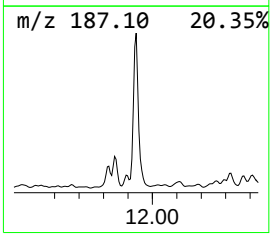












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

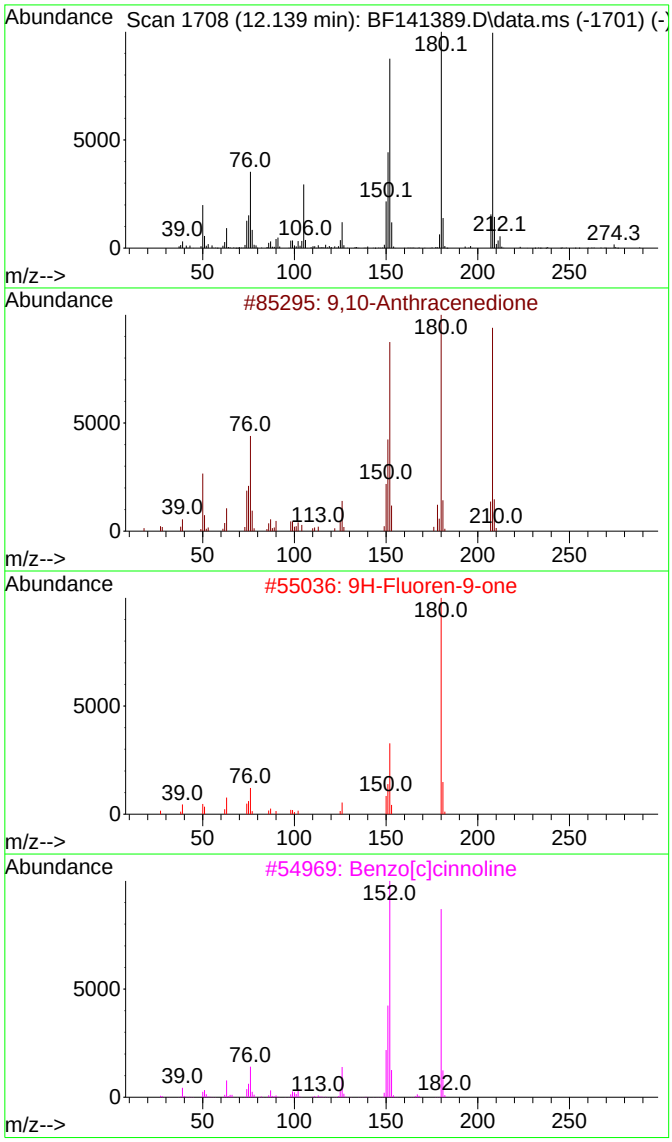
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

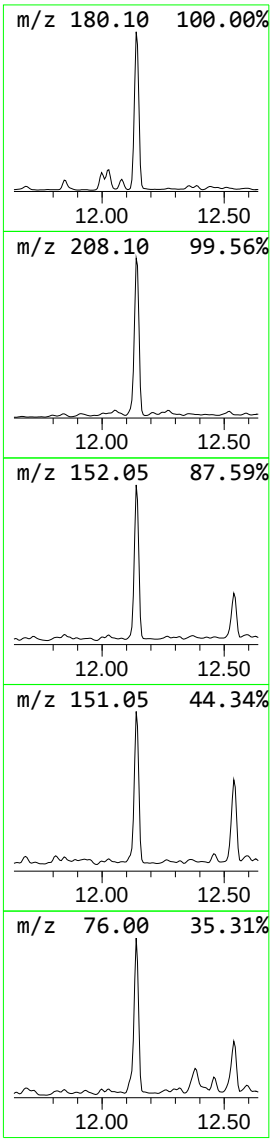
****

Peak Number 4 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	7.87 ng	919511	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

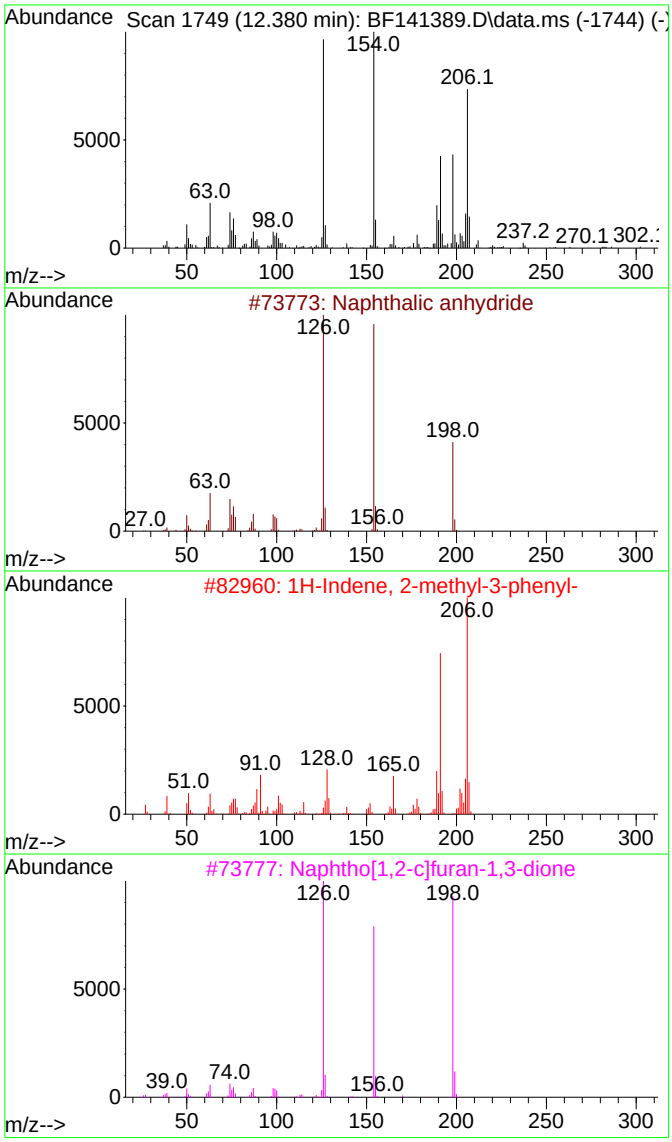
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

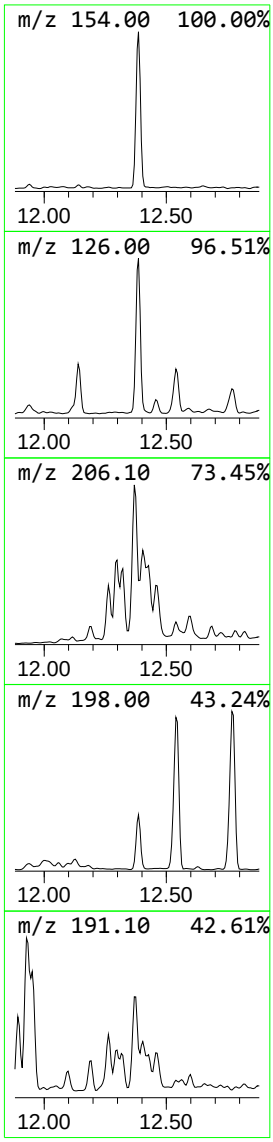
****

Peak Number 5 Naphthalic anhydride Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	4.05 ng	472987	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	56
3	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	49
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

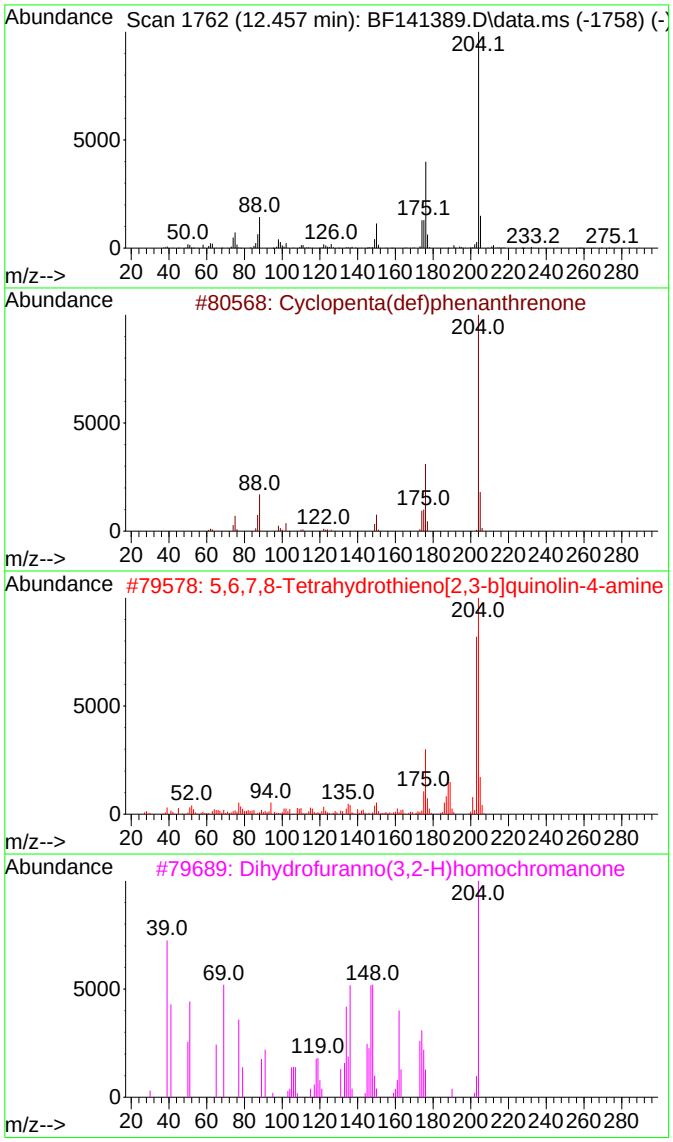
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

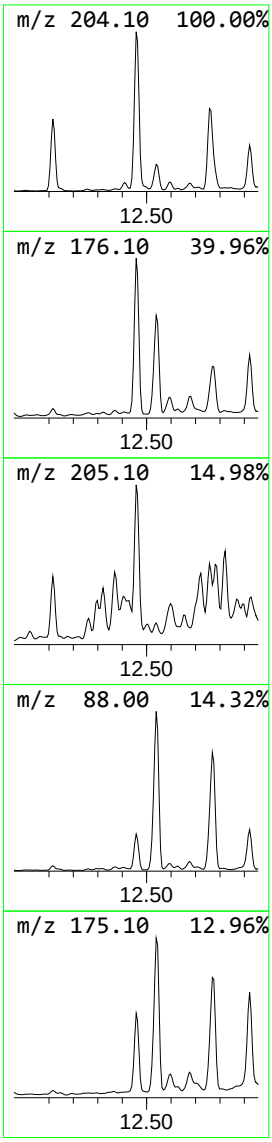
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	4.24 ng	495327	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	38





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Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETGI-371

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

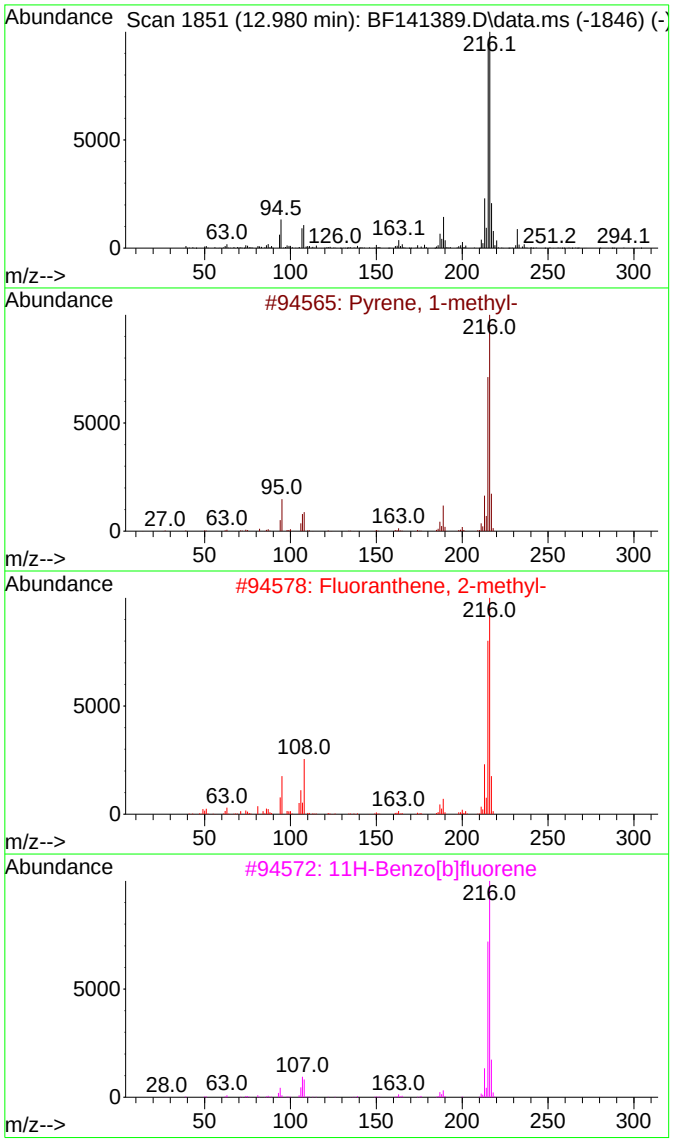
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

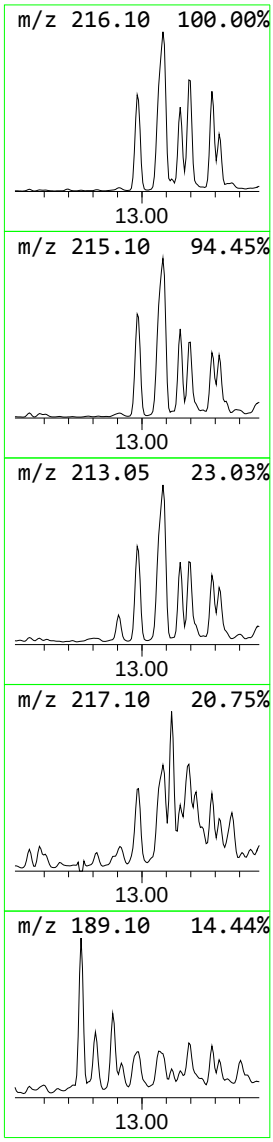
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.49 ng	554021	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

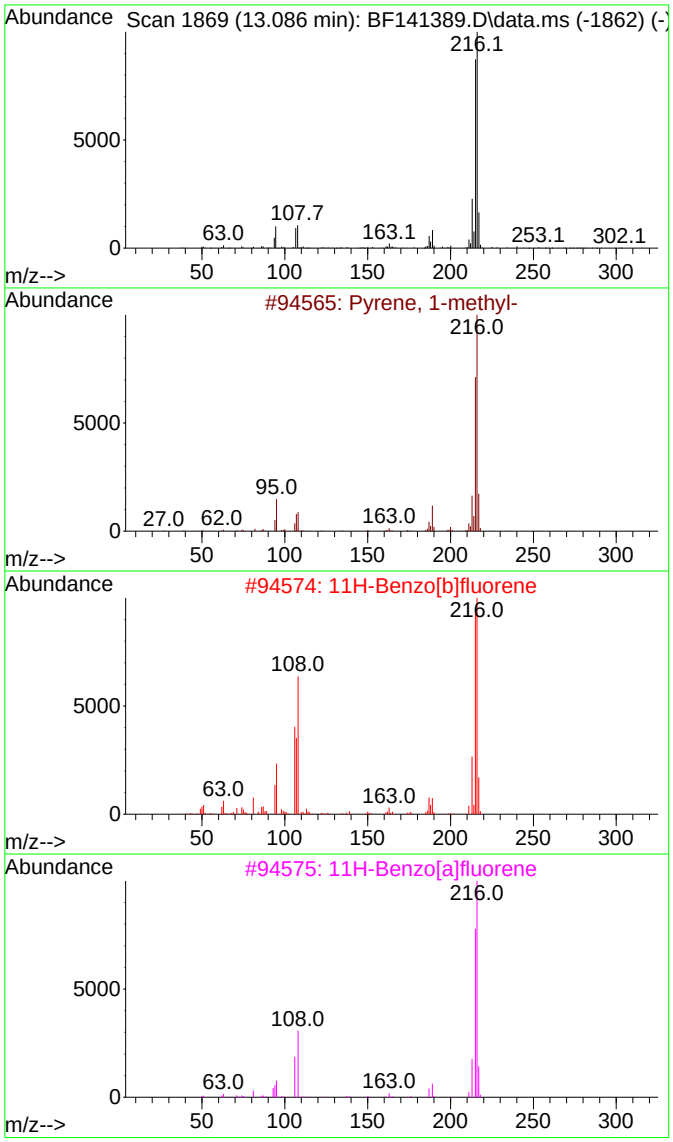
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

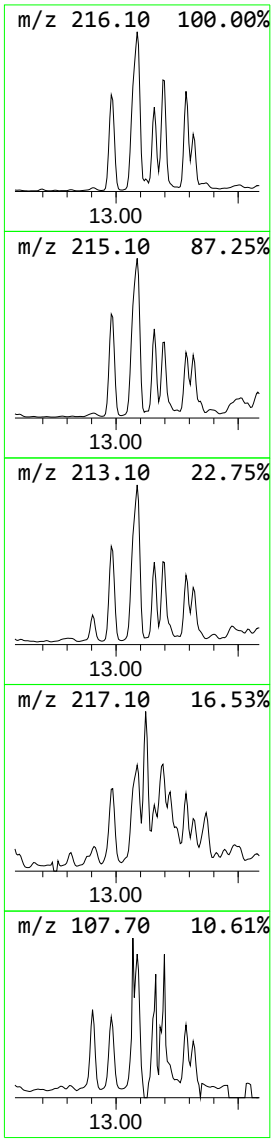
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	5.75 ng	911944	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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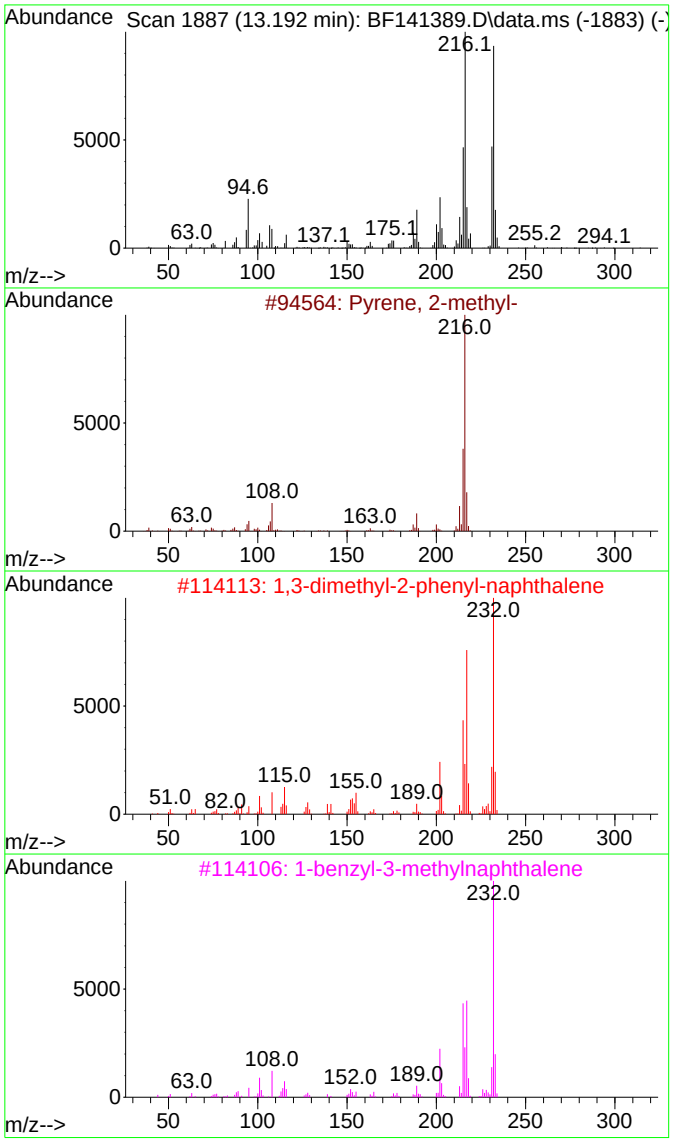
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

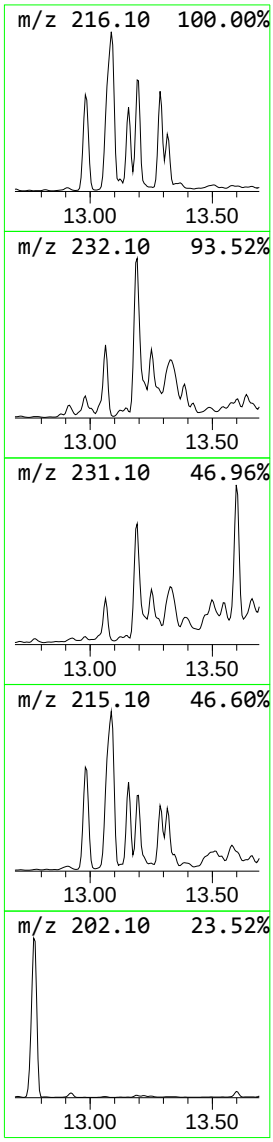
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.27 ng	676518	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
2	1,3-dimethyl-2-phenyl-naphthalene	232	C18H16	1000379-93-4	49
3	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	49
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	48
5	1-Pyrenemethanol	232	C17H12O	024463-15-8	46





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Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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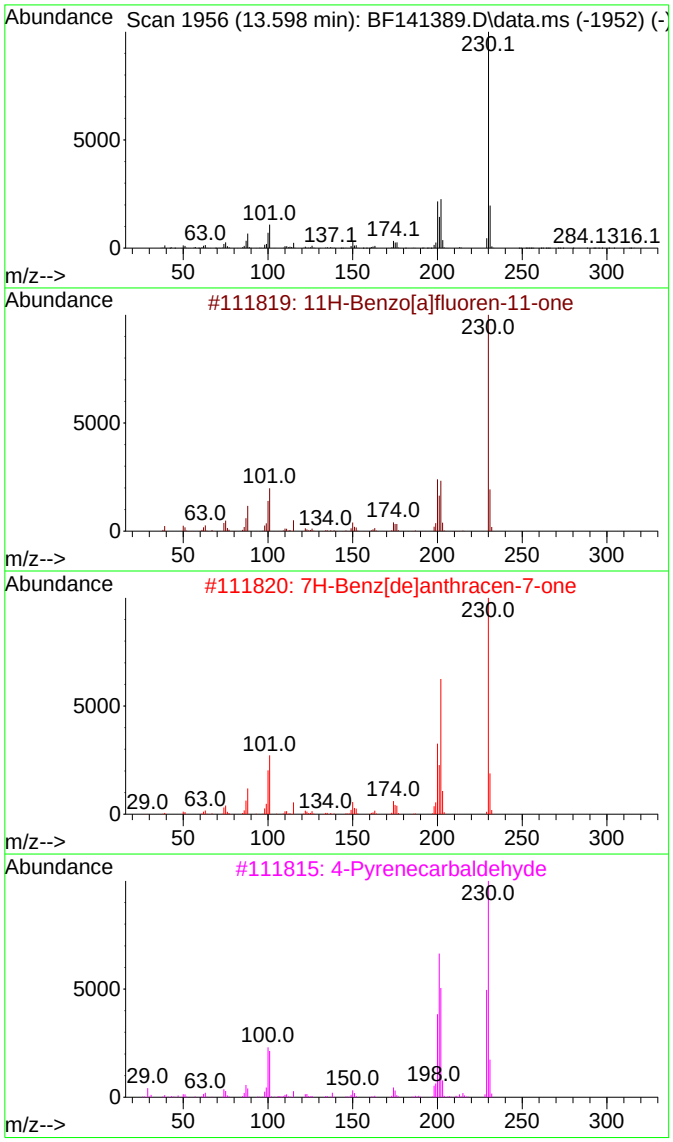
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

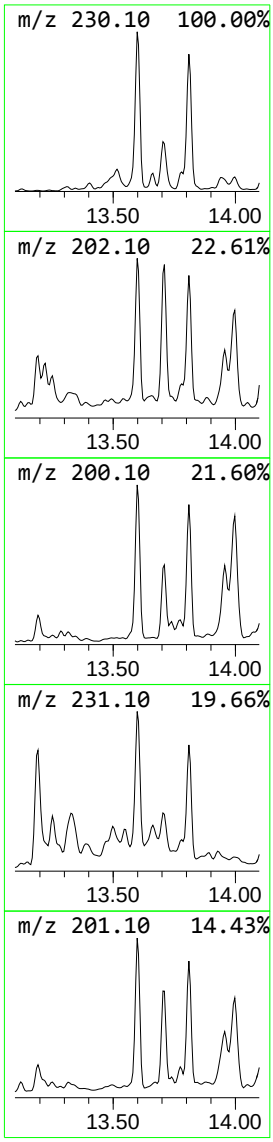
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	4.38 ng	694035	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	56
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	53





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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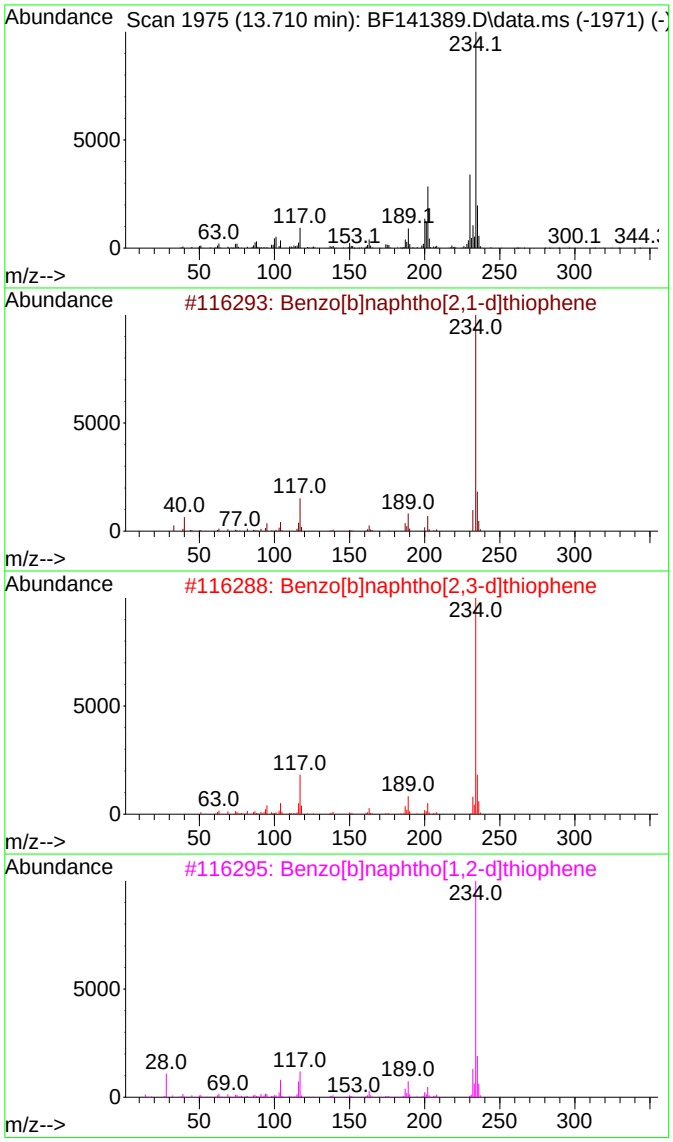
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

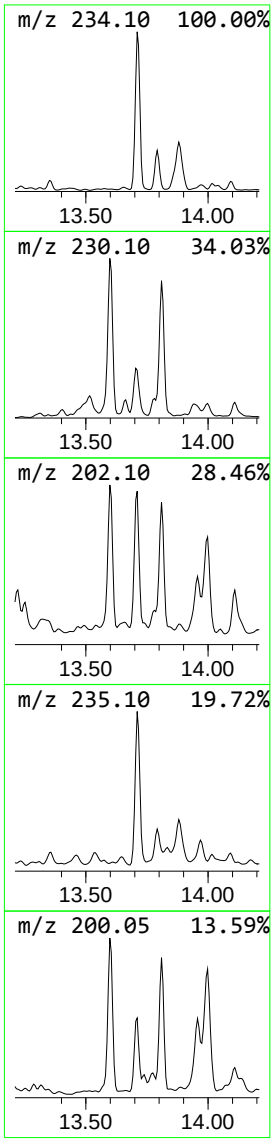
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	4.51 ng	714937	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	50
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47





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Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

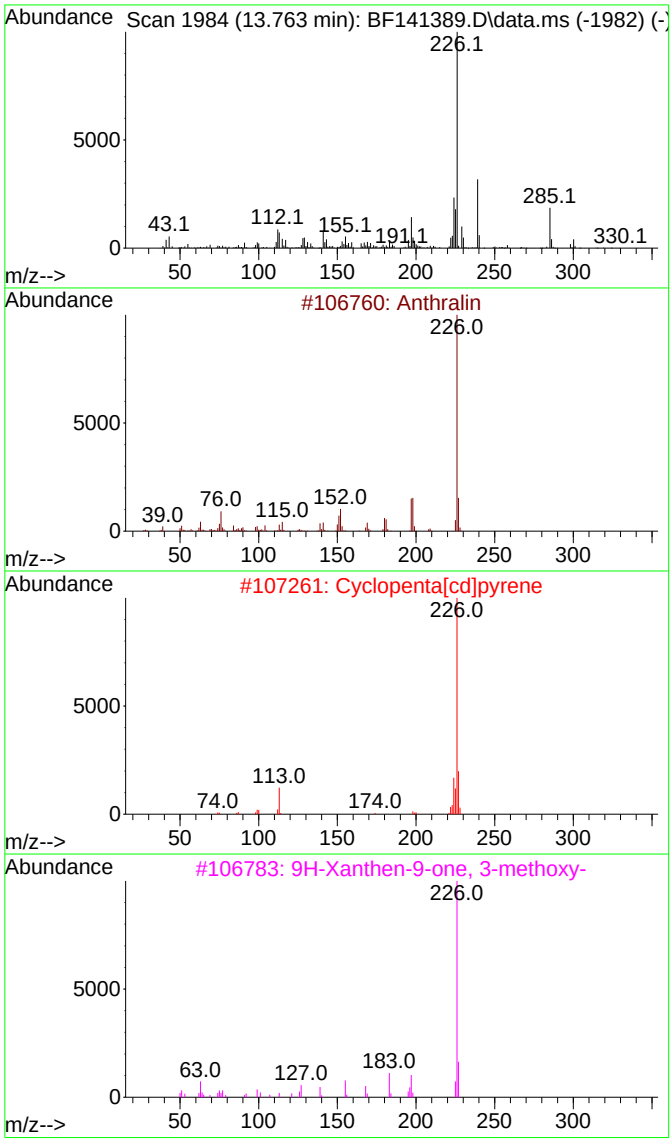
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

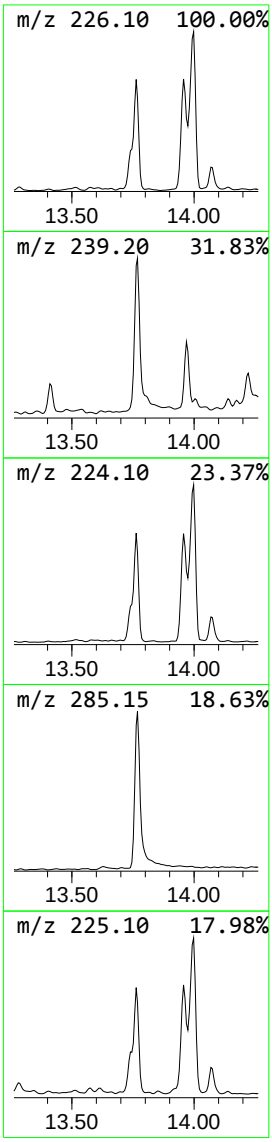
****

Peak Number 12 unknown13.763 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	6.49 ng	1028770	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthralin	226	C14H10O3	001143-38-0	43
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	32
5	4-Amino-2-(1,3-benzoxazol-2-yl)p...	226	C13H10N2O2	062129-02-6	32





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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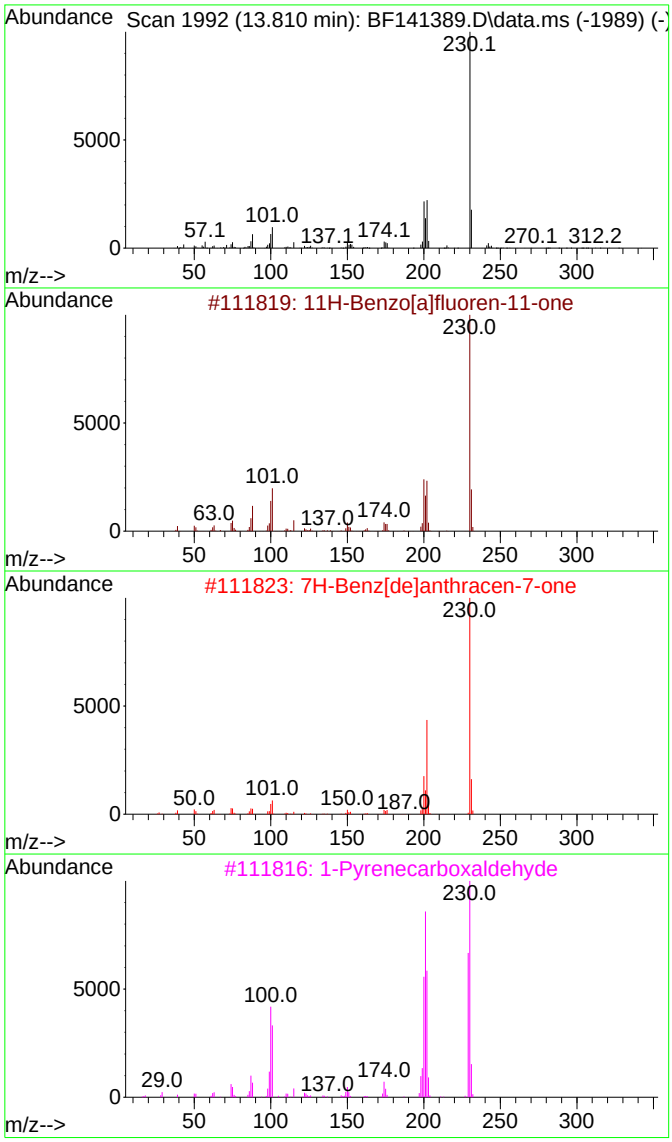
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

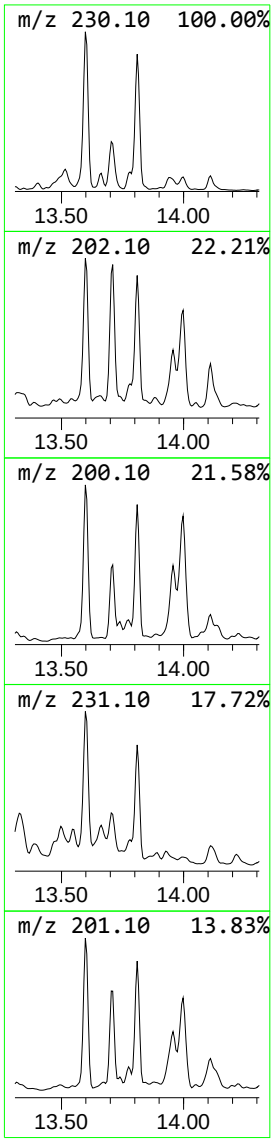
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	3.73 ng	591204	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





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Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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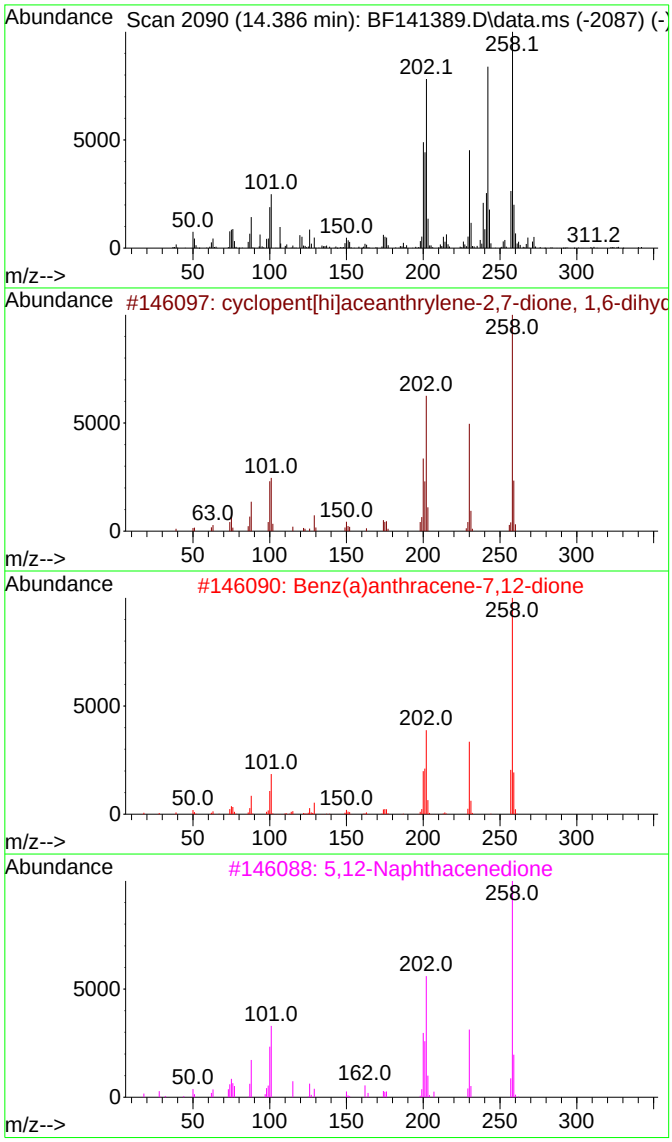
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

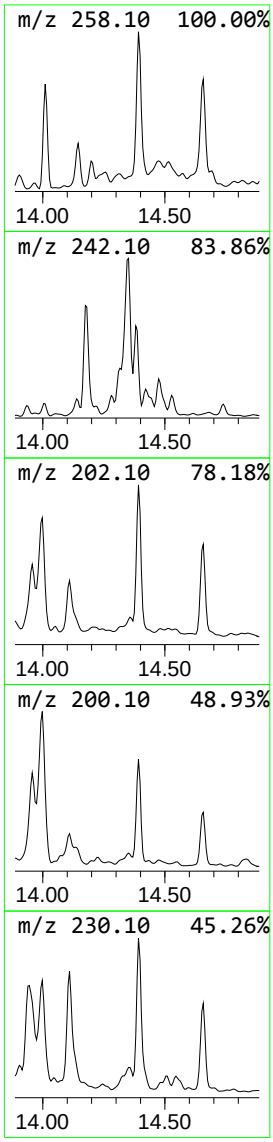
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 cyclopent[hi]aceanthrylene-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	2.68 ng	425078	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclopent[hi]aceanthrylene-2,7-d...	258	C18H10O2	1000396-75-6	95
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
4	Fluoranthene	202	C16H10	000206-44-0	90
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	53





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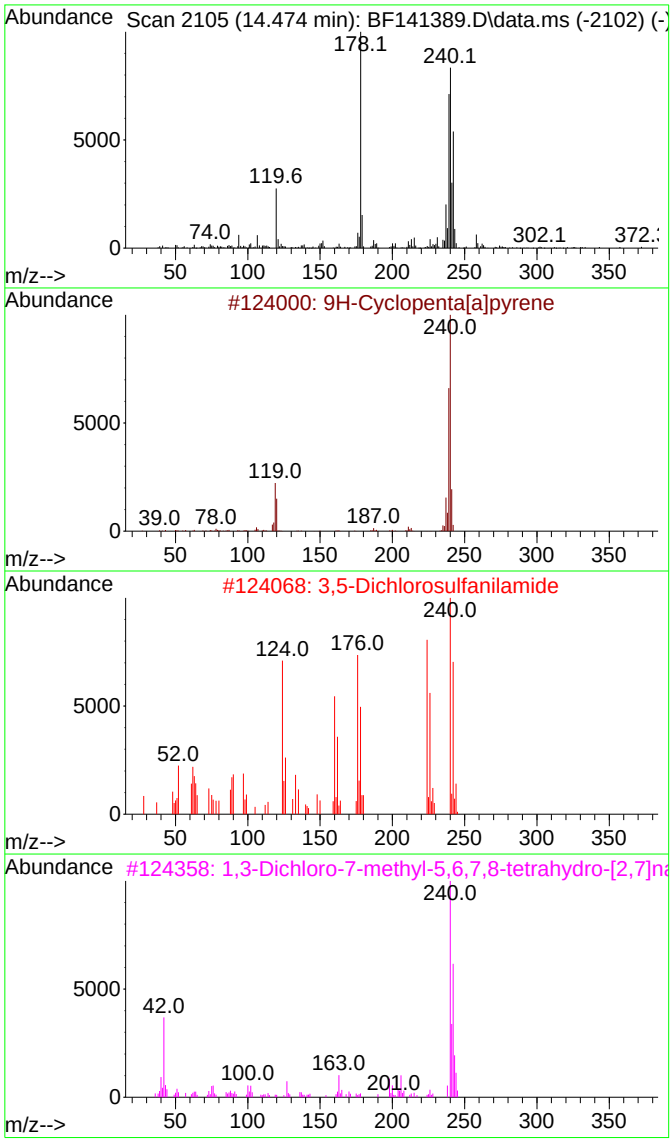
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

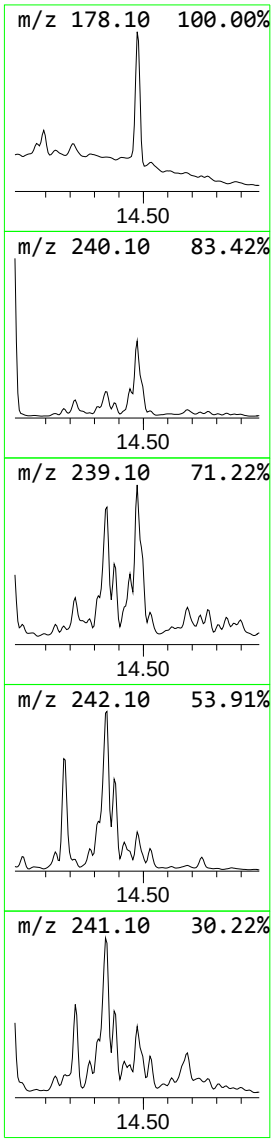
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9H-Cyclopenta[a]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	3.04 ng	482757	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	55
2	3,5-Dichlorosulfanilamide	240	C6H6Cl2N2O2S	022134-75-4	38
3	1,3-Dichloro-7-methyl-5,6,7,8-te...	241	C10H9Cl2N3	1000274-39-1	35
4	Benzenamine, 4-(6-methyl-2-benzo...	240	C14H12N2S	000092-36-4	22
5	2,4,6,8,9-Pentathiatricyclo[3.3....	240	C6H8S5	057274-63-2	14





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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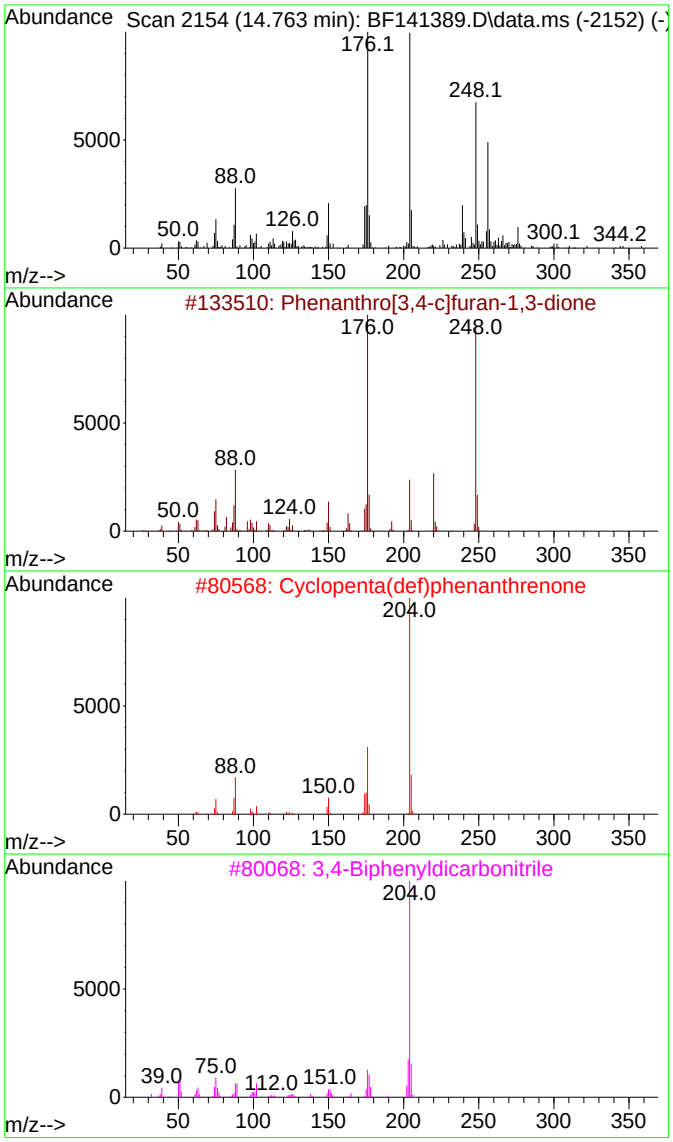
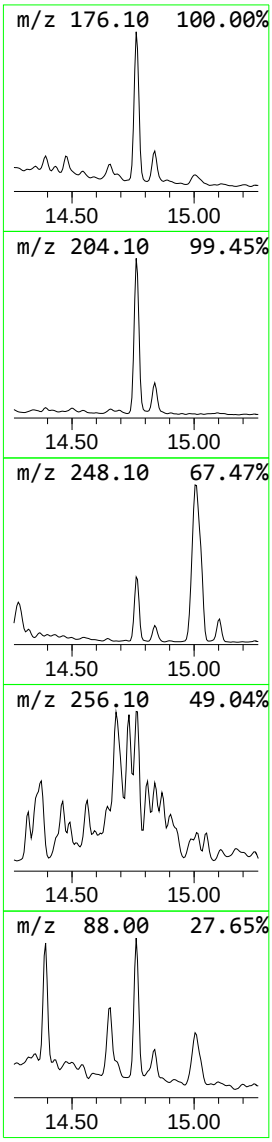
Peak Number 16 unknown14.763 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	9.07 ng	197834	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	38
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	38
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	35
4	(Decahydro-isoquinolin-3-ylidene...	176	C11H16N2	1000185-70-0	14
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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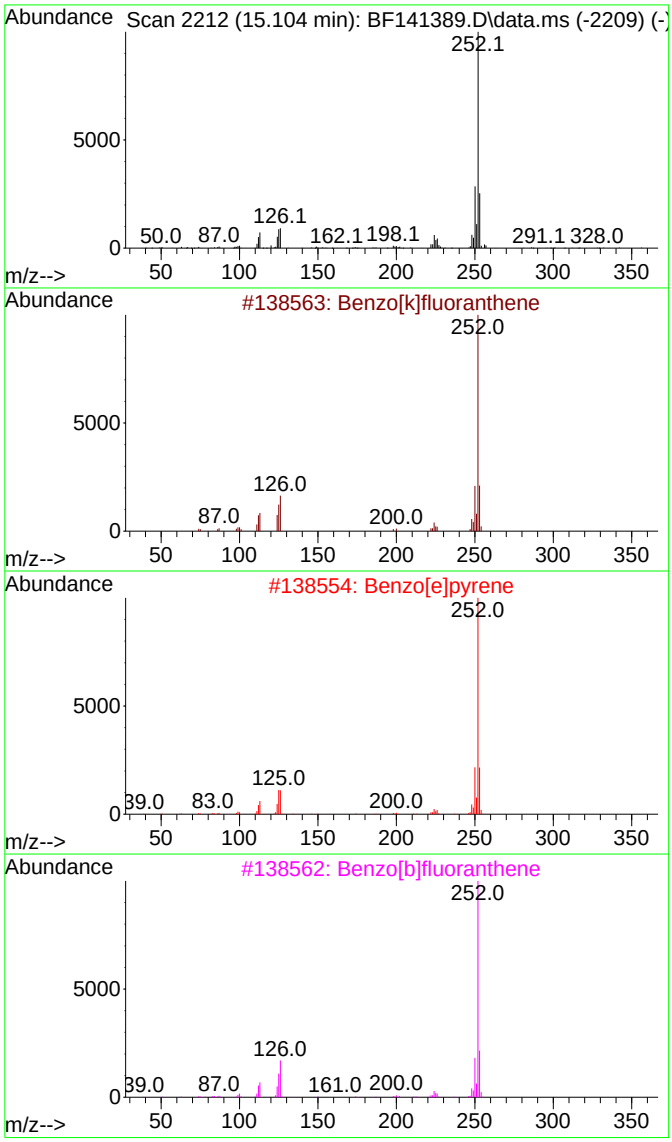
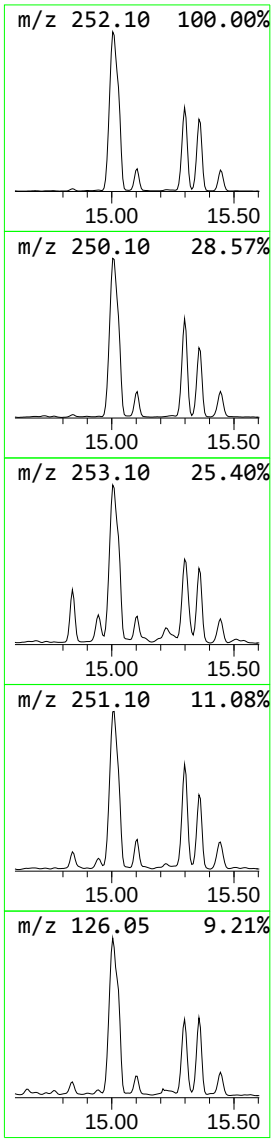
Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	9.80 ng	213782	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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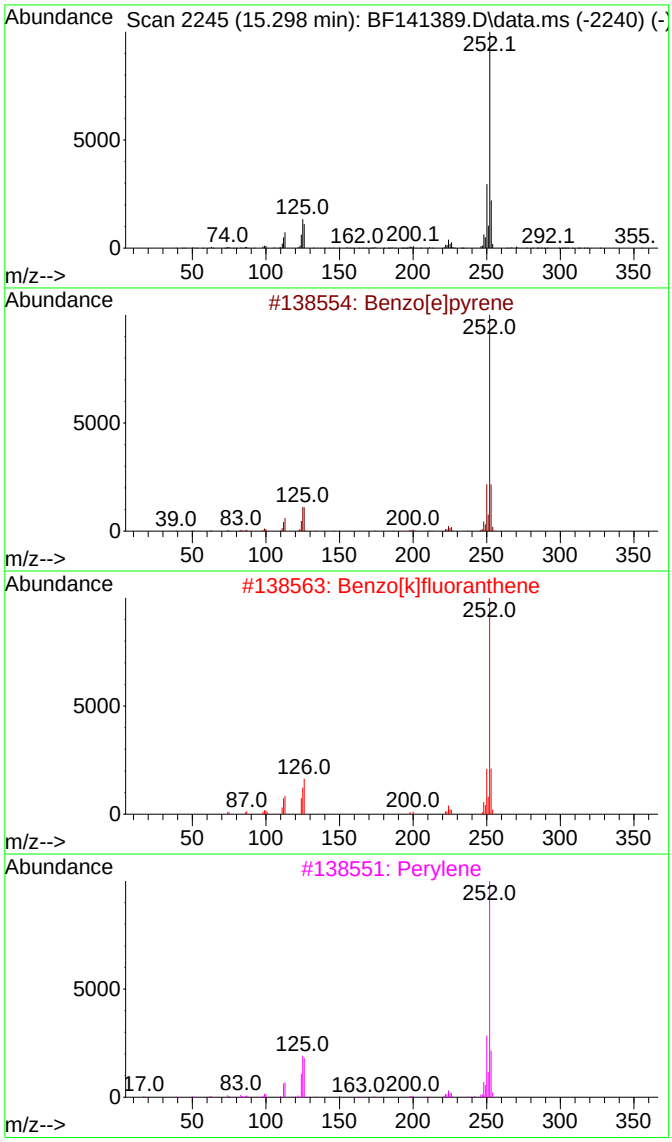
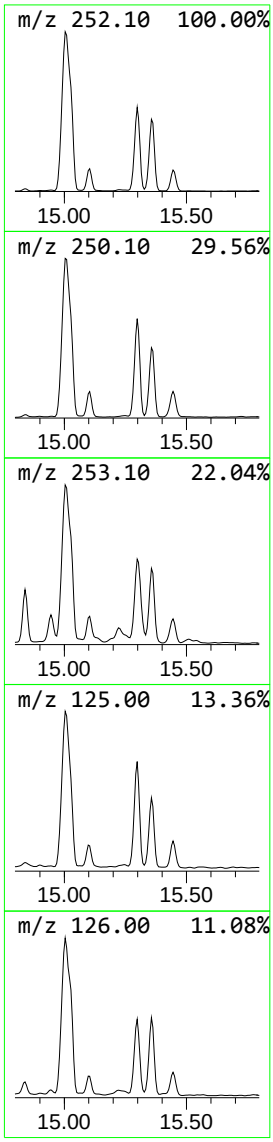
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	59.76 ng	1304130	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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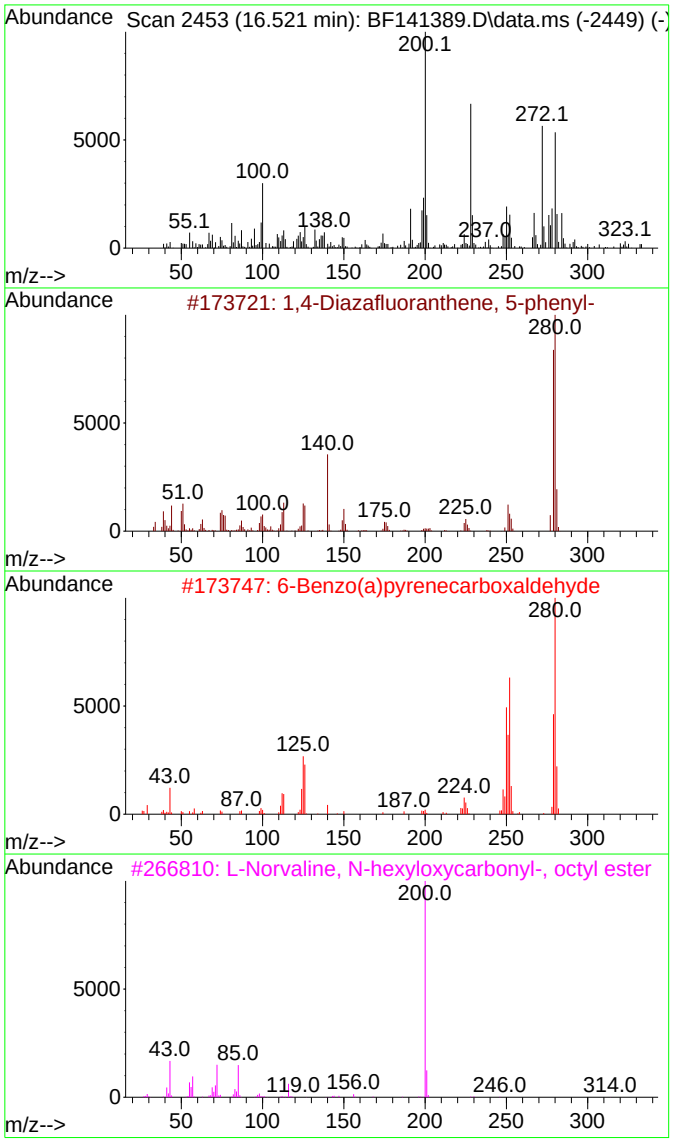
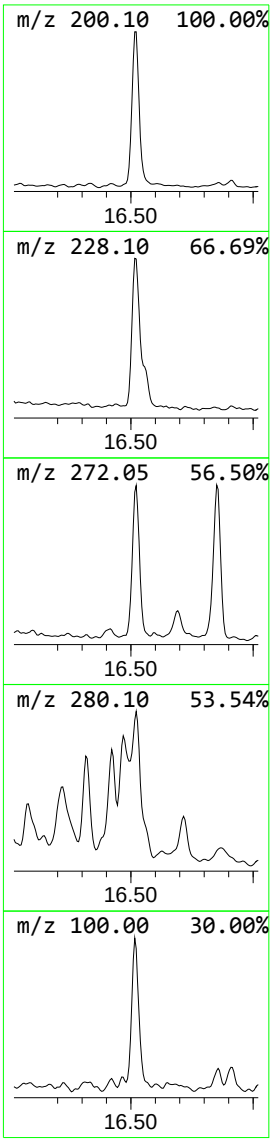
Peak Number 19 unknown16.521 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.521	15.87 ng	346325	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Diazafluoranthene, 5-phenyl-	280	C20H12N2	1000303-05-1	25
2	6-Benzo(a)pyrenecarboxaldehyde	280	C21H12O	013312-42-0	15
3	L-Norvaline, N-hexyloxycarbonyl-...	357	C20H39NO4	1000392-83-6	14
4	l-Leucine, N-isobutoxycarbonyl-N...	413	C24H47NO4	1000321-87-6	14
5	Thiazolo[5,4-f]quinoline, 2-methyl-	200	C11H8N2S	038463-41-1	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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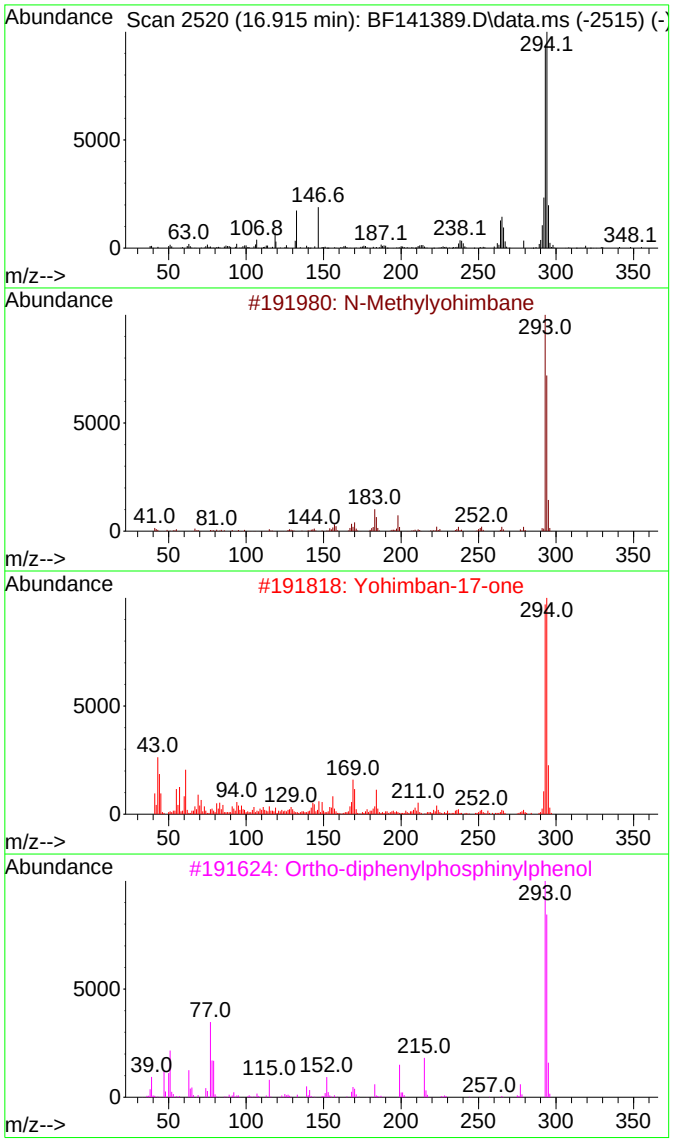
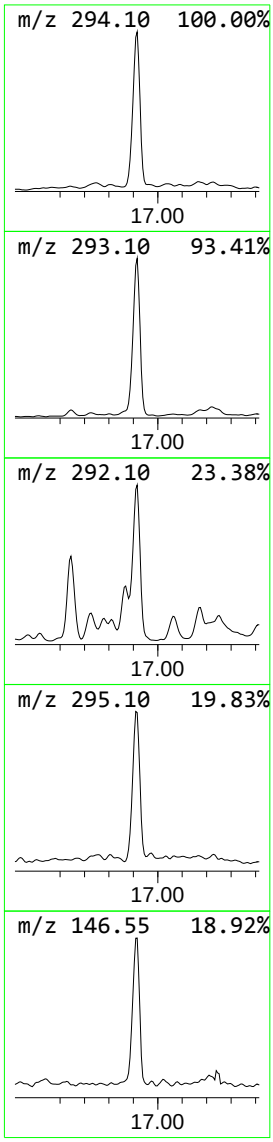
Peak Number 20 N-Methylyohimbane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.915	19.18 ng	418605	Perylene-d12	15.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methylyohimbane	294	C20H26N2	1000128-76-0	58
2	Yohimban-17-one	294	C19H22N2O	000523-14-8	53
3	Ortho-diphenylphosphinylphenol	294	C18H15O2P	016522-52-4	50
4	2-Phenylamino-6,7-dihydro-5H-1-t...	294	C17H14N2OS	1000296-13-3	38
5	di-p-Anisylideneacetone	294	C19H18O3	002051-07-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141389.D
Acq On : 04 Feb 2025 00:23
Operator : RC/JU
Sample : Q1262-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
Benzophenone	10.539	4.7	ng	164787	3	9.828	698441	20.0
n-Hexadecanoic ...	11.851	4.7	ng	548458	4	11.316	2335490	20.0
4H-Cyclopenta[d...	11.933	5.2	ng	602981	4	11.316	2335490	20.0
9,10-Anthracene...	12.139	7.9	ng	919511	4	11.316	2335490	20.0
Naphthalic anhy...	12.380	4.0	ng	472987	4	11.316	2335490	20.0
Cyclopenta(def)...	12.457	4.2	ng	495327	4	11.316	2335490	20.0
Pyrene, 1-methyl-	12.980	3.5	ng	554021	5	13.969	3172240	20.0
11H-Benzo[b]flu...	13.086	5.8	ng	911944	5	13.969	3172240	20.0
Pyrene, 2-methyl-	13.192	4.3	ng	676518	5	13.969	3172240	20.0
11H-Benzo[a]flu...	13.598	4.4	ng	694035	5	13.969	3172240	20.0
Benzo[b]naphtho...	13.710	4.5	ng	714937	5	13.969	3172240	20.0
unknown13.763	13.763	6.5	ng	1028770	5	13.969	3172240	20.0
7H-Benz[de]anth...	13.810	3.7	ng	591204	5	13.969	3172240	20.0
cyclopent[hi]ac...	14.386	2.7	ng	425078	5	13.969	3172240	20.0
9H-Cyclopenta[a...	14.474	3.0	ng	482757	5	13.969	3172240	20.0
unknown14.763	14.763	9.1	ng	197834	6	15.416	436460	20.0
Benzo[e]pyrene	15.104	9.8	ng	213782	6	15.416	436460	20.0
Perylene	15.298	59.8	ng	1304130	6	15.416	436460	20.0
unknown16.521	16.521	15.9	ng	346325	6	15.416	436460	20.0
N-Methylyohimbane	16.915	19.2	ng	418605	6	15.416	436460	20.0