LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131872.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	20	24	29	rVB	32872	43207	2.24%	0.263%
2	5.022	493	499	513	rVB	550088	709777	36.85%	4.324%
3	5.434	564	569	572	rBV	1838296	1654452	85.89%	10.079%
4	5.645	602	605	609	rBV2	26825	27186	1.41%	0.166%
5	6.457	738	743	746	rBV	1735871	1730666	89.85%	10.543%
6	6.651	772	776	780	rBV2	39683	37865	1.97%	0.231%
7	6.822	802	805	809	rVB	528019	404077	20.98%	2.462%
8	7.392	897	902	905	rBV	1244401	1111363	57.70%	6.770%
9	8.110	1021	1024	1027	rBV	527455	474003	24.61%	2.888%
10	9.198	1204	1209	1212	rBV	2381505	1926167	100.00%	11.734%
11	9.269	1217	1221	1224	rBV2	34685	29934	1.55%	0.182%
12	9.598	1275	1277	1282	rVB	64587	53955	2.80%	0.329%
13	9.739	1297	1301	1304	rBV	158130	142891	7.42%	0.870%
14	9.875	1321	1324	1328	rVB	626056	501747	26.05%	3.057%
15	10.186	1374	1377	1379	rBV2	32778	30967	1.61%	0.189%
16	10.275	1389	1392	1395	rBV3	19800	24218	1.26%	0.148%
17	10.333	1399	1402	1405	rBV	35717	30133	1.56%	0.184%
18	10.439	1416	1420	1425	rVB	25512	30753	1.60%	0.187%
19	10.592	1443	1446	1448	rBV	45835	37264	1.93%	0.227%
20	10.669	1455	1459	1463	rBV	1136575	923891	47.97%	5.628%
21	10.792	1475	1480	1486	rBV4	46628	66345	3.44%	0.404%
22	10.975	1508	1511	1515	rBV6	15085	25081	1.30%	0.153%
23	11.263	1557	1560	1566	rVB3	25701	33825	1.76%	0.206%
24	11.369	1575	1578	1581	rBV	497532	437978	22.74%	2.668%
25	11.445	1588	1591	1594	rVB	39313	33019	1.71%	0.201%
26	11.475	1594	1596	1603	rBV6	22296	35040	1.82%	0.213%
27	11.610	1616	1619	1622	rBV4	19520	25941	1.35%	0.158%
28	11.704	1632	1635	1639	rVB	32866	30862	1.60%	0.188%
29	11.874	1661	1664	1666	rBV	45712	47664	2.47%	0.290%
30	11.904	1666	1669	1673	rVB	102090	94476	4.90%	0.576%
31	11.986	1680	1683	1685	rBV	99255	99903	5.19%	0.609%
32	12.010	1685	1687	1691	rVB	59269	50419	2.62%	0.307%
33	12.069	1694	1697	1701	rBV4	30926	37190	1.93%	0.227%
34	12.110	1701	1704	1706	rVB	36707	29349	1.52%	0.179%
35	12.204	1718	1720	1723	rVB	38652	29854	1.55%	0.182%
36	12.304	1735	1737	1739	rBV	41038	36435	1.89%	0.222%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-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-BF122422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.351	1743	1745	1747	rBV	42706	34378	1.78%	0.209%
38	12.427	1755	1758	1761	rBV	143444	144845	7.52%	0.882%
39	12.463	1761	1764	1766	rVV3	84590	90935	4.72%	0.554%
40	12.486	1766	1768	1770	rVB	40436	28112	1.46%	0.171%
41	12.516	1770	1773	1777	rBV2	74267	92184	4.79%	0.562%
42	12.592	1783	1786	1789	rBV	294037	240496	12.49%	1.465%
43	12.633	1791	1793	1795	rBV	35606	33528	1.74%	0.204%
44	12.686	1800	1802	1806	rBV2	65450	58761	3.05%	0.358%
45	12.745	1810	1812	1814	rBV	46719	36585	1.90%	0.223%
46	12.821	1822	1825	1832	rVV	456493	441409	22.92%	2.689%
47	12.880	1832	1835	1838	rVB2	55965	54017	2.80%	0.329%
48	12.969	1846	1850	1853	rBV	1708770	1418880	73.66%	8.644%
49	13.039	1859	1862	1869	rBV3	102420	168927	8.77%	1.029%
50	13.098	1870	1872	1874	rVV	56738	44508	2.31%	0.271%
51	13.198	1886	1889	1891	rBV4	64759	67685	3.51%	0.412%
52	13.221	1891	1893	1895	rVB	62595	46120	2.39%	0.281%
53	13.257	1896	1899	1903	rVV2	126776	122783	6.37%	0.748%
54	13.351	1912	1915	1917	rBV	132397	98036	5.09%	0.597%
55	13.380	1918	1920	1923	rVV	99984	78695	4.09%	0.479%
56	13.774	1985	1987	1990	rVB	88332	87036	4.52%	0.530%
57	13.874	2002	2004	2012	rVB5	126490	205108	10.65%	1.249%
58	14.027	2026	2030	2033	rBV2	488953	683116	35.47%	4.161%
59	14.057	2033	2035	2041	rVB	281443	265176	13.77%	1.615%
60	14.421	2095	2097	2099	rVB	132076	100340	5.21%	0.611%
61	15.392	2260	2262	2267	rVB	122308	143140	7.43%	0.872%
62	15.457	2270	2273	2277	rVV	175772	235524	12.23%	1.435%
63	15.527	2281	2285	2292	rVB2	226452	357029	18.54%	2.175%

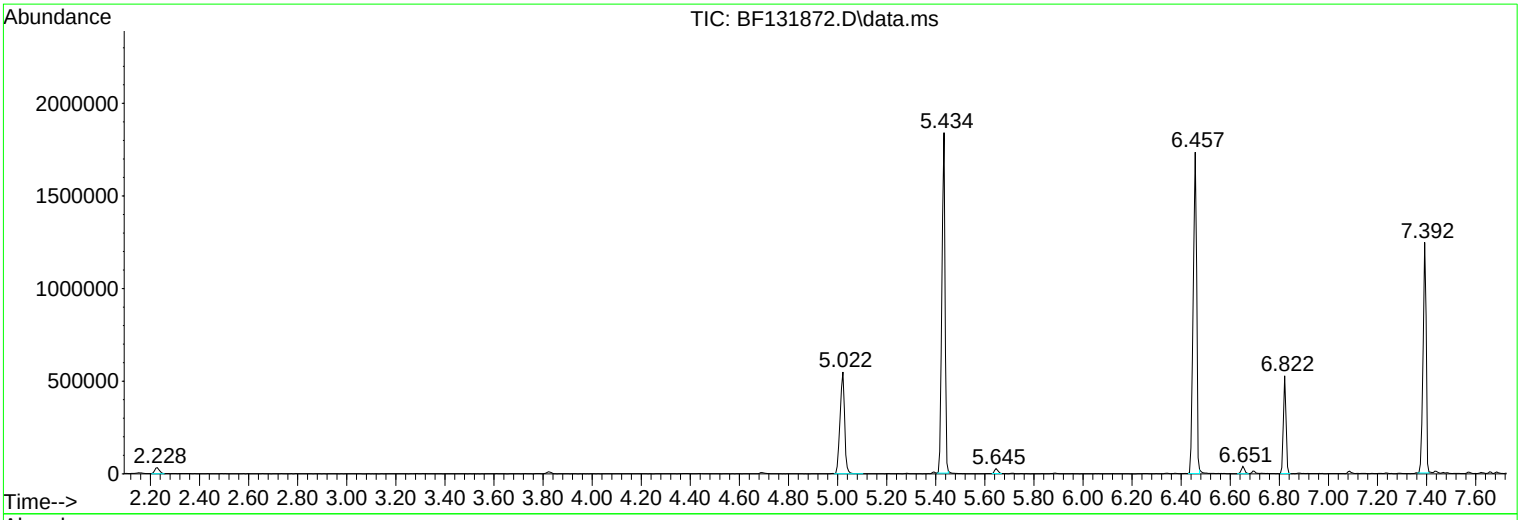
Sum of corrected areas: 16415250

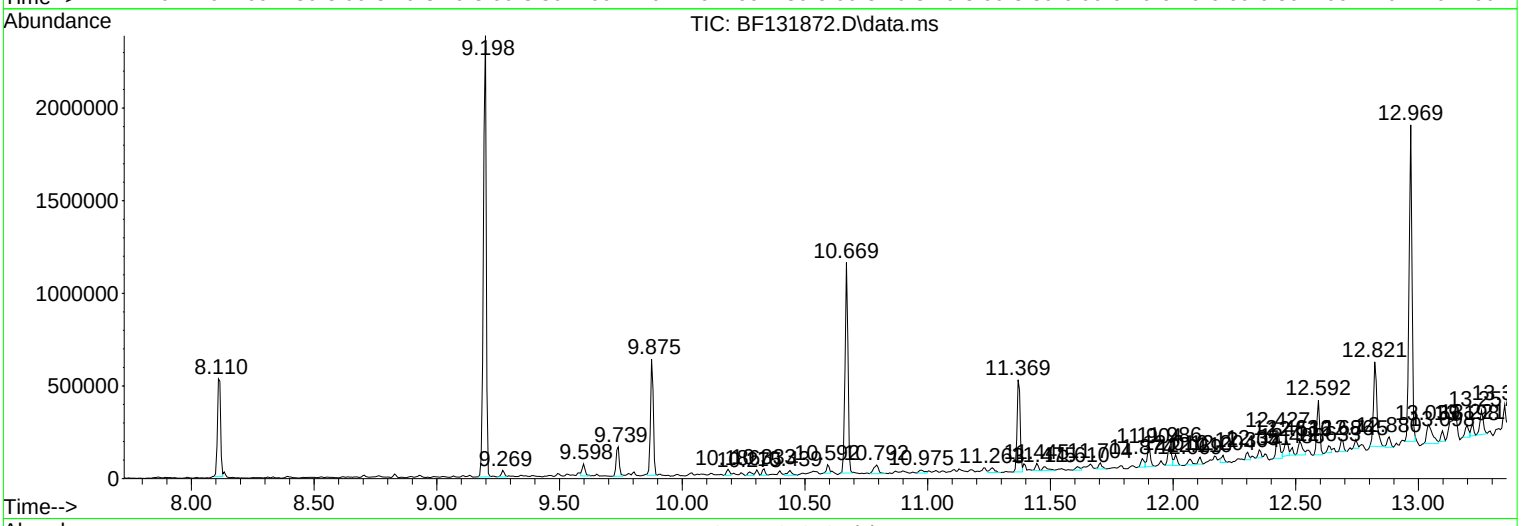
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

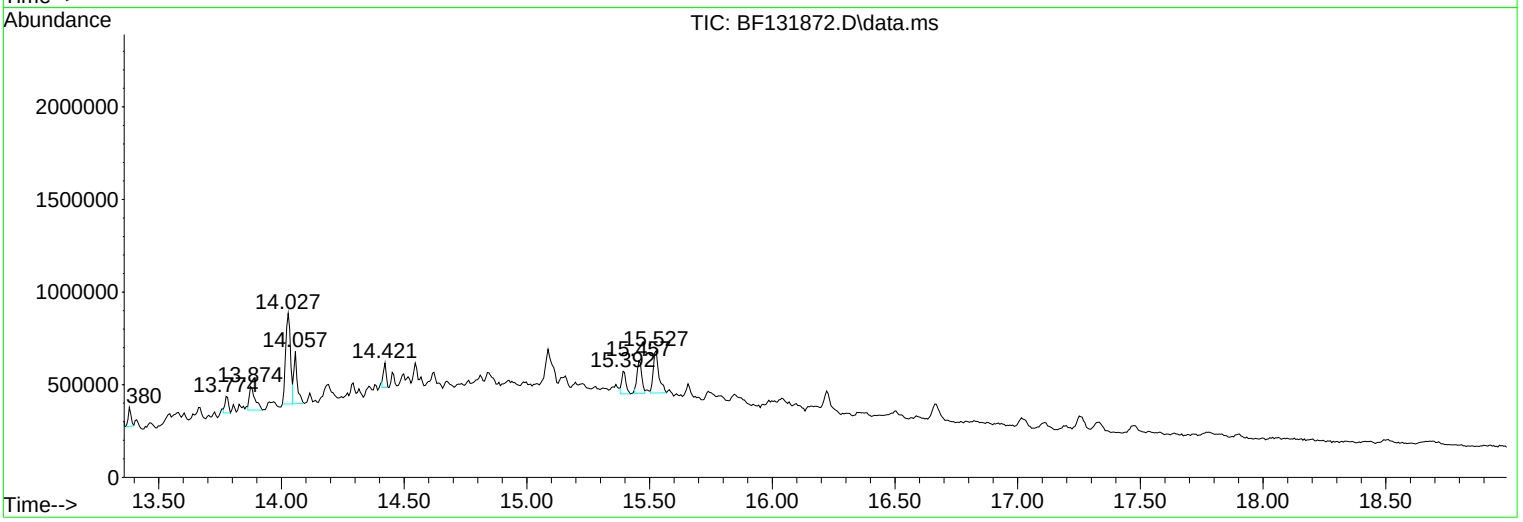
Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

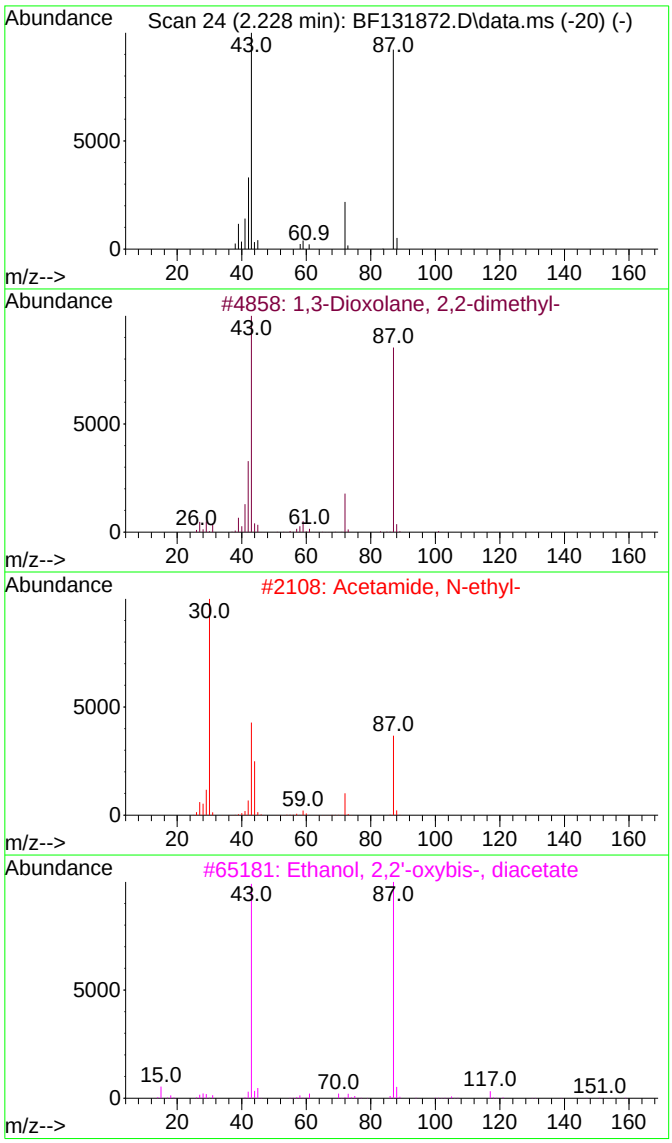
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

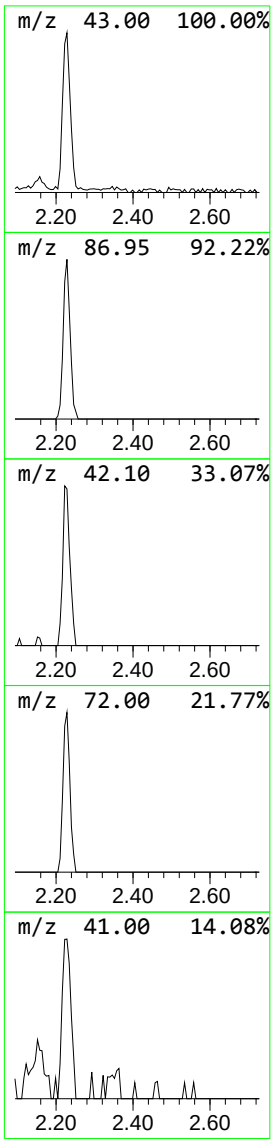
****

Peak Number 1 1,3-Dioxolane, 2,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	2.14 ng	43207	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	72
3	Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	53
4	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	39
5	2-Propanone, O-methyloxime	87	C4H9NO	003376-35-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

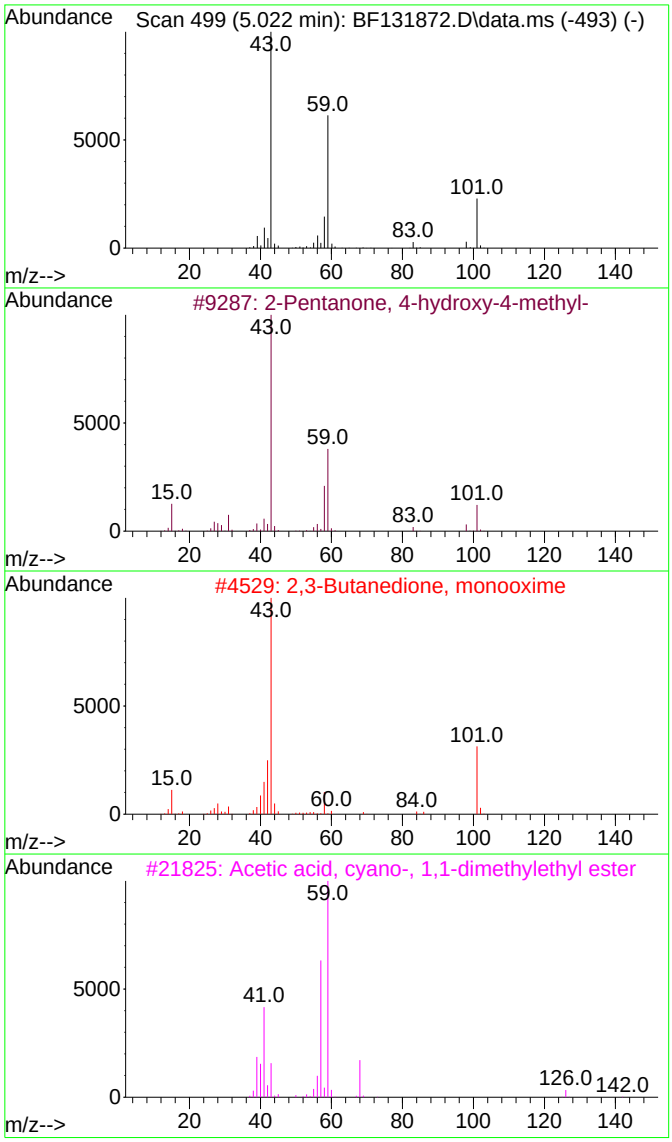
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

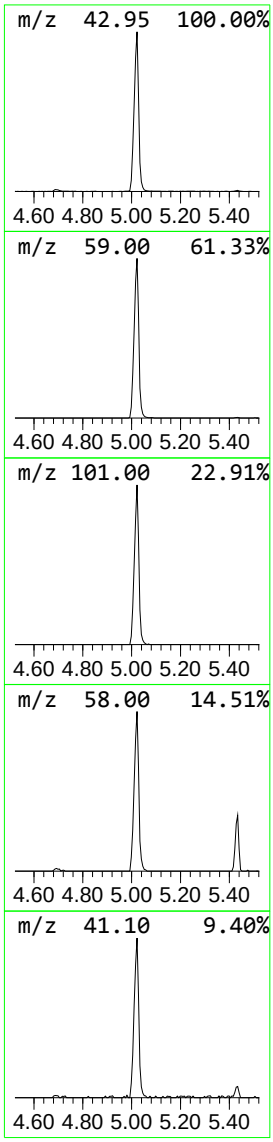
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	35.13 ng	709777	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

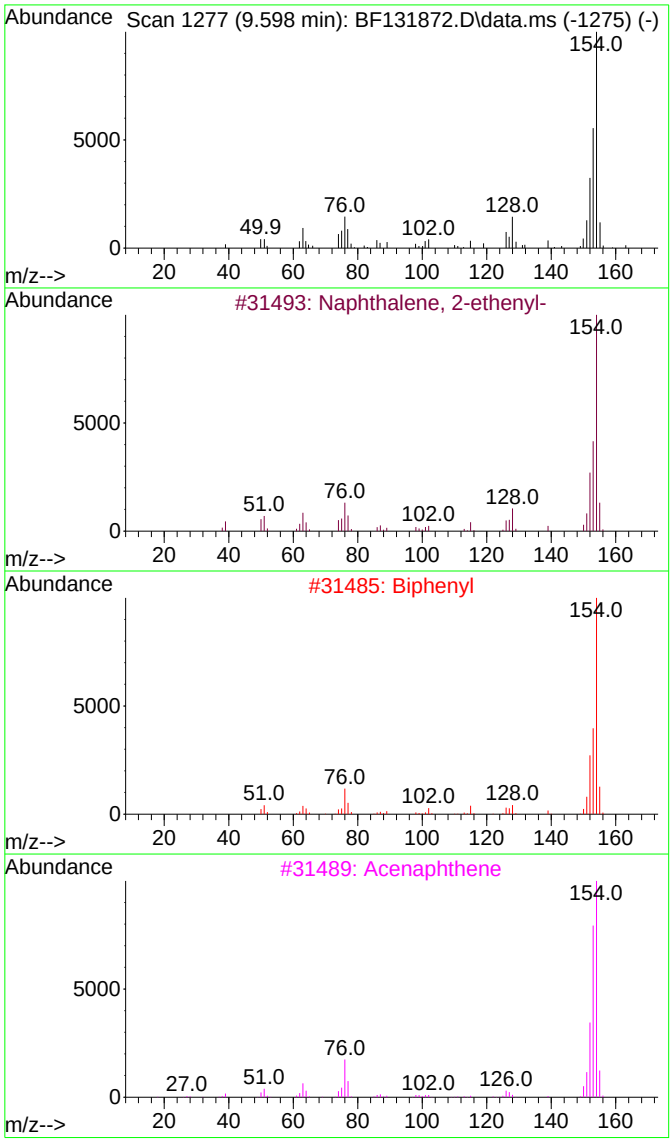
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

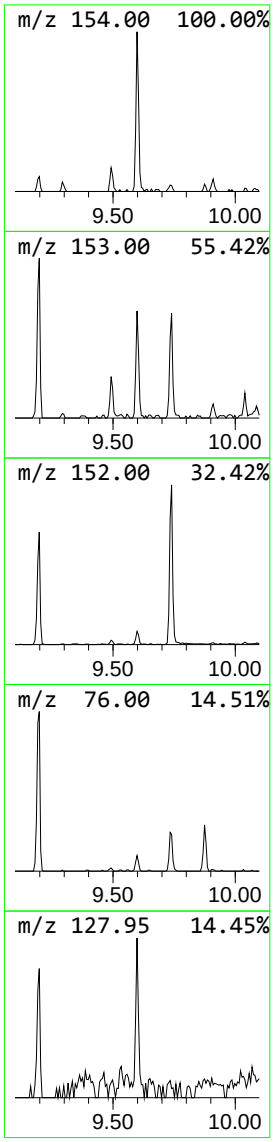
****

Peak Number 3 Naphthalene, 2-ethenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	2.15 ng	53955	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Biphenyl	154	C12H10	000092-52-4	91
3	Acenaphthene	154	C12H10	000083-32-9	74
4	1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	53
5	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

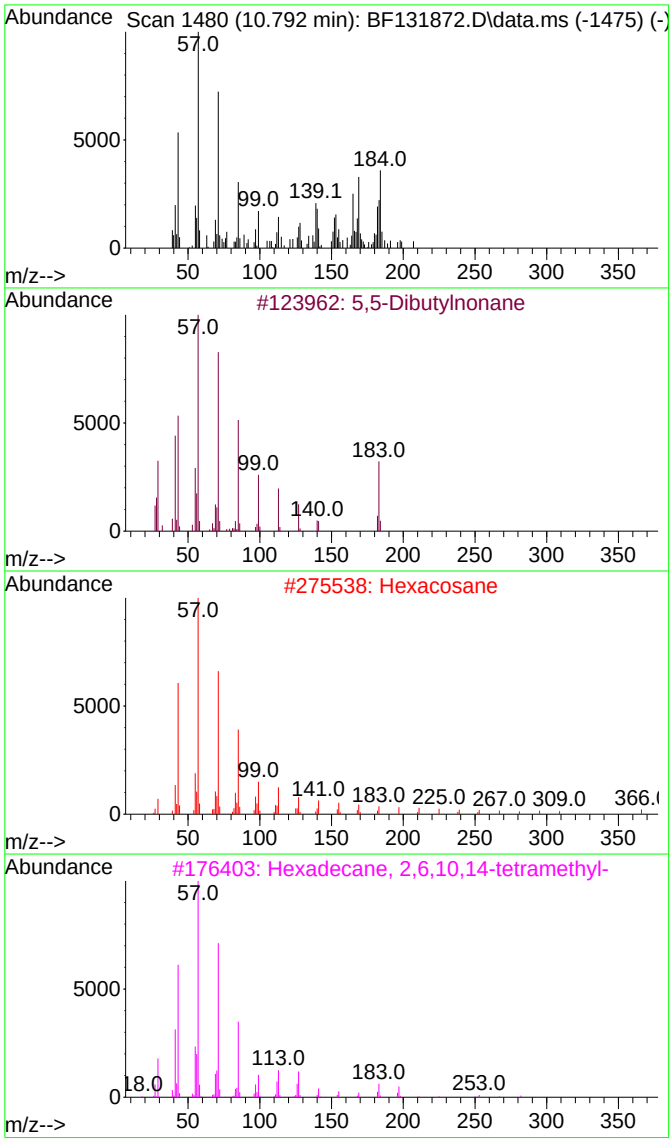
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

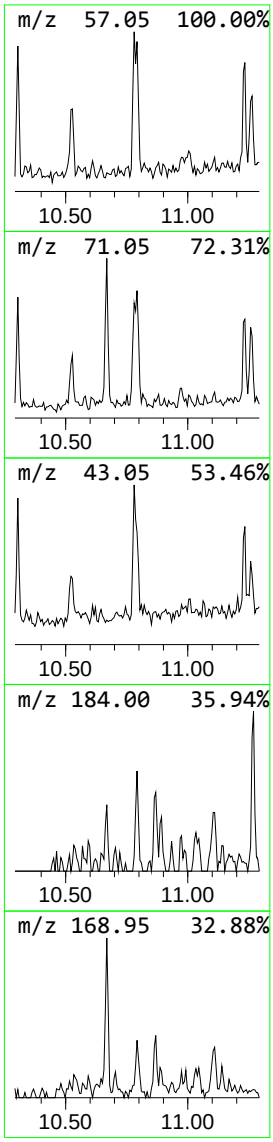
****

Peak Number 4 unknown10.792 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	3.03 ng	66345	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	38
2	Hexacosane	366	C26H54	000630-01-3	25
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	25
4	Decane, 2-methyl-	156	C11H24	006975-98-0	18
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

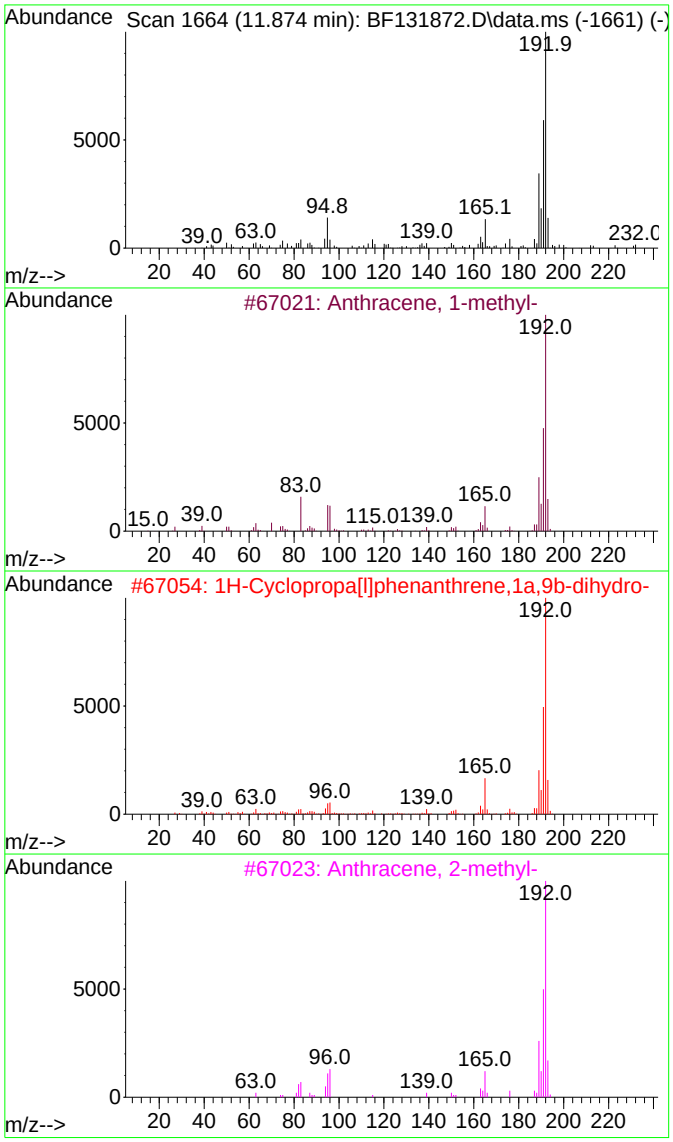
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

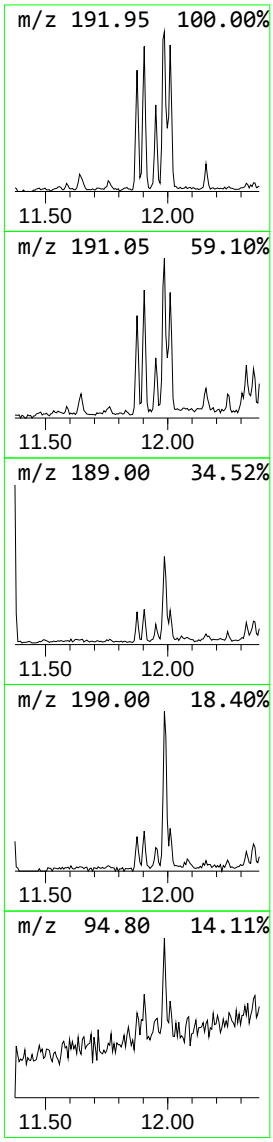
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	2.18 ng	47664	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

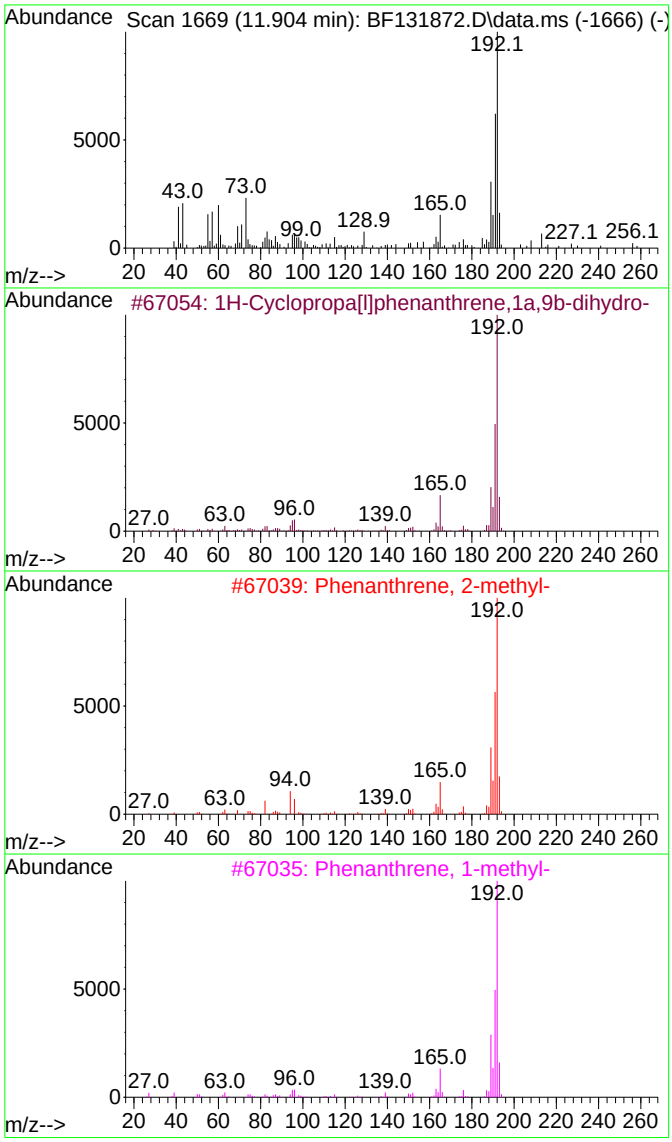
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

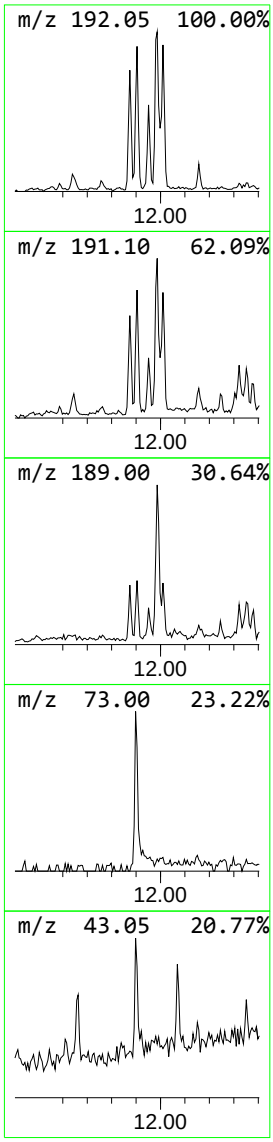
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	4.31 ng	94476	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

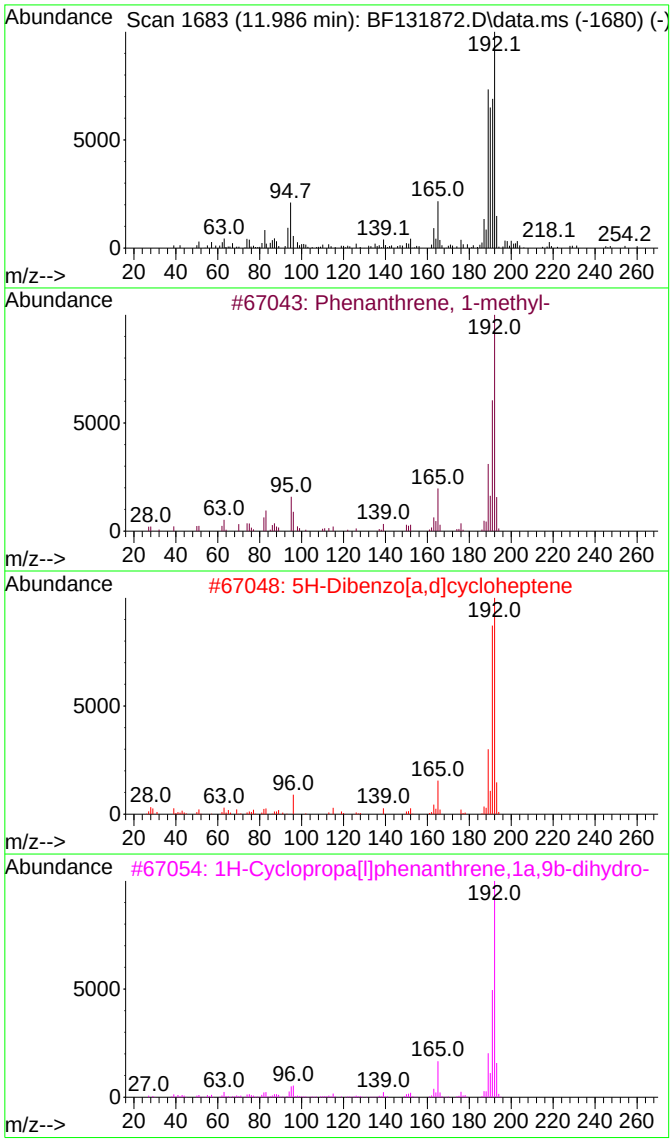
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

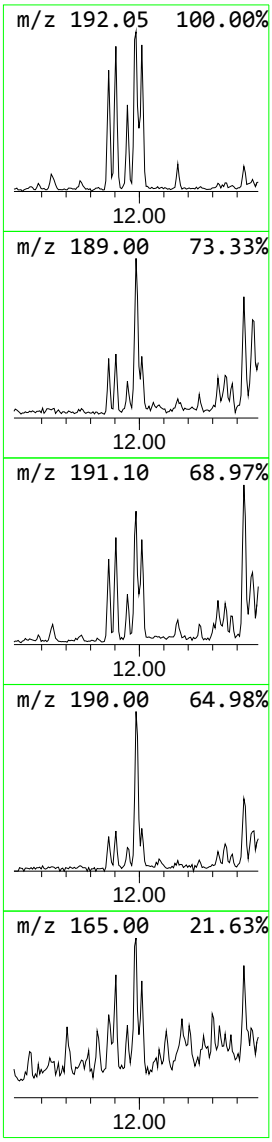
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	4.56 ng	99903	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	53
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53





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Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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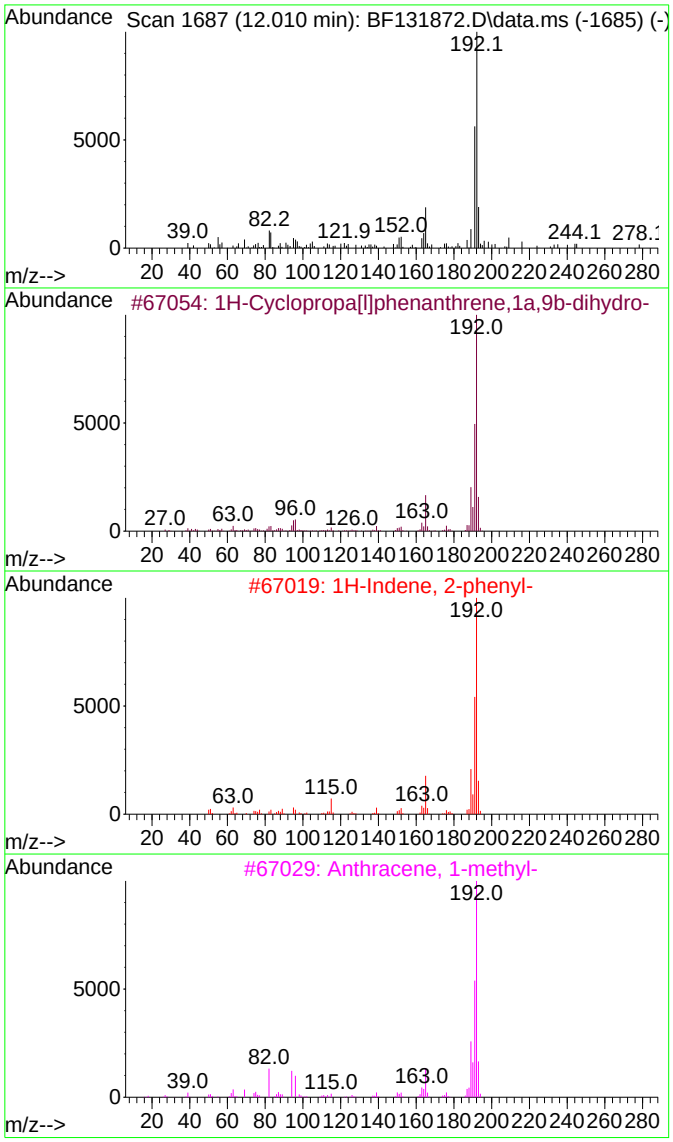
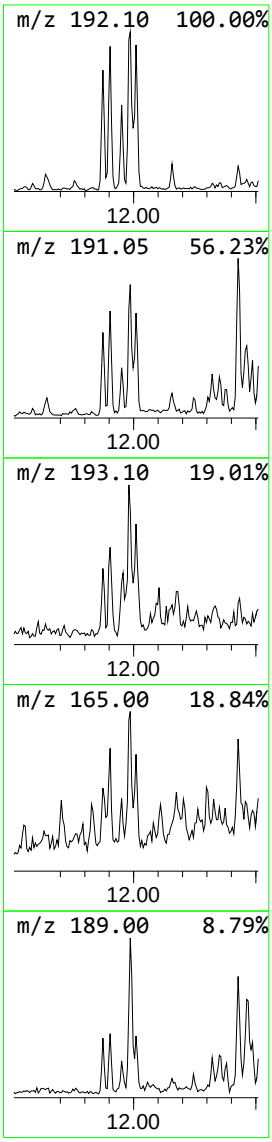
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.30 ng	50419	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Acq On : 28 Dec 2022 21:09
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Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

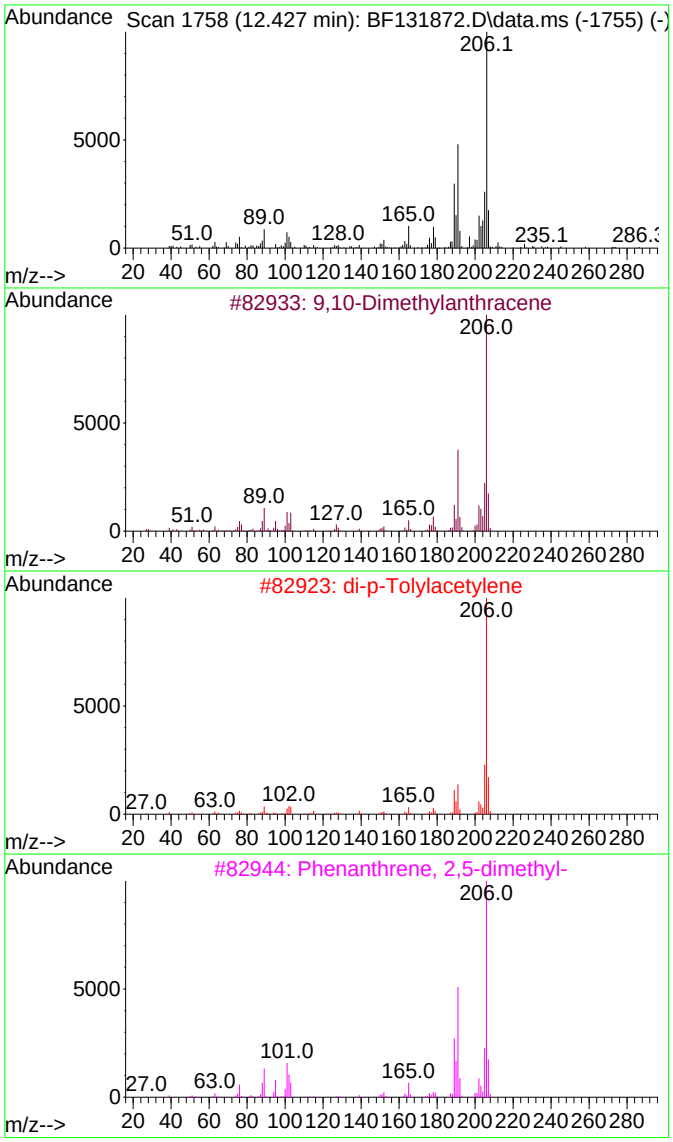
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

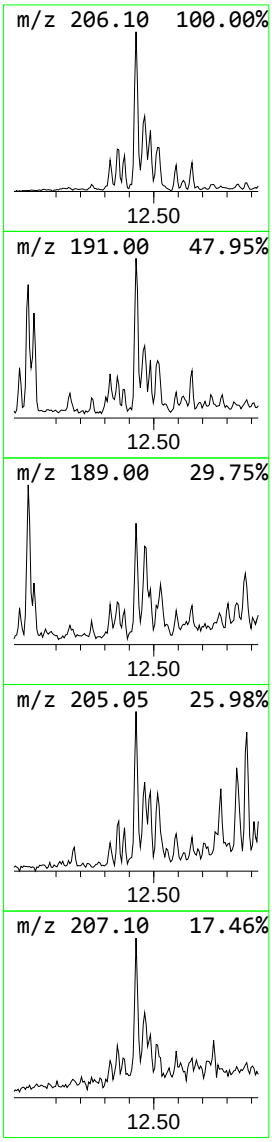
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	6.61 ng	144845	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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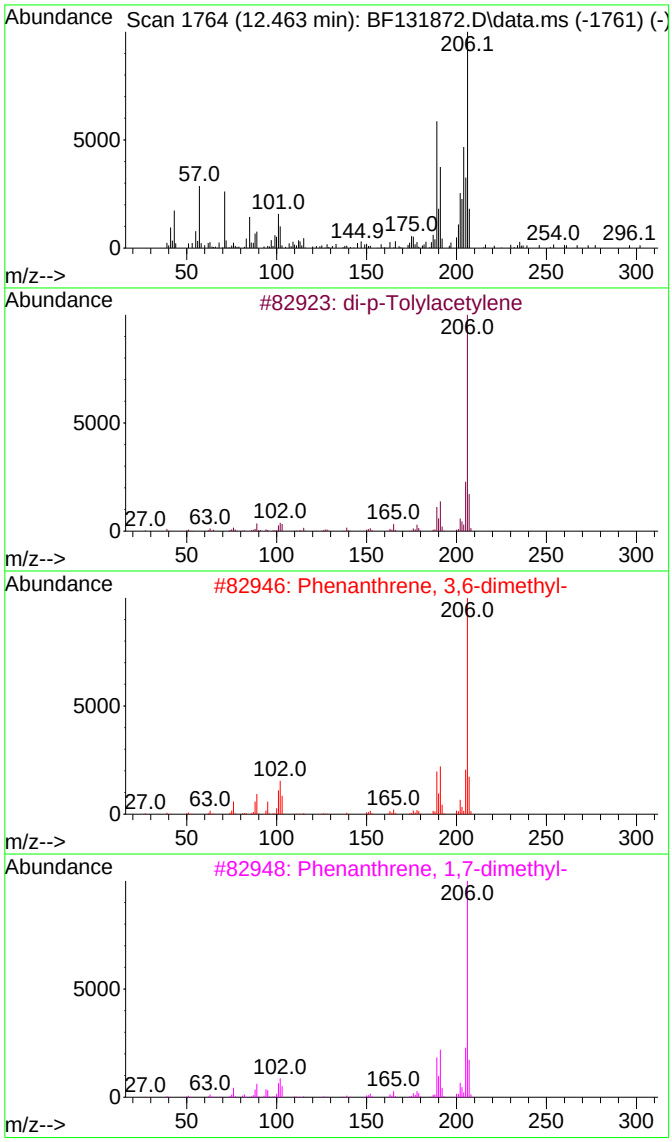
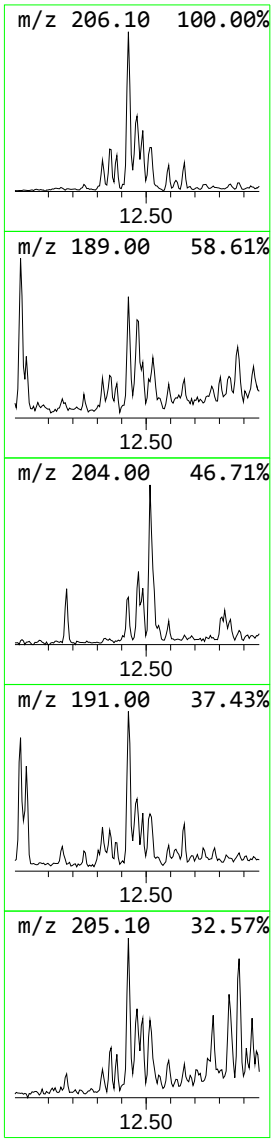
Peak Number 10 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	4.15 ng	90935	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	47
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	46
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	43





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Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

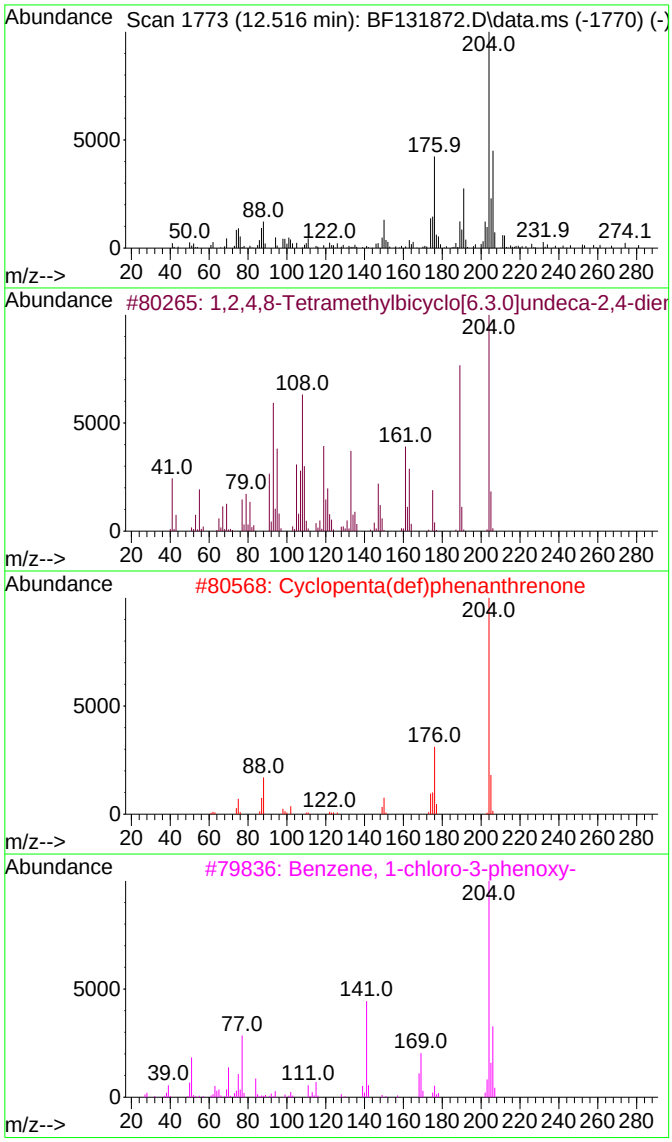
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

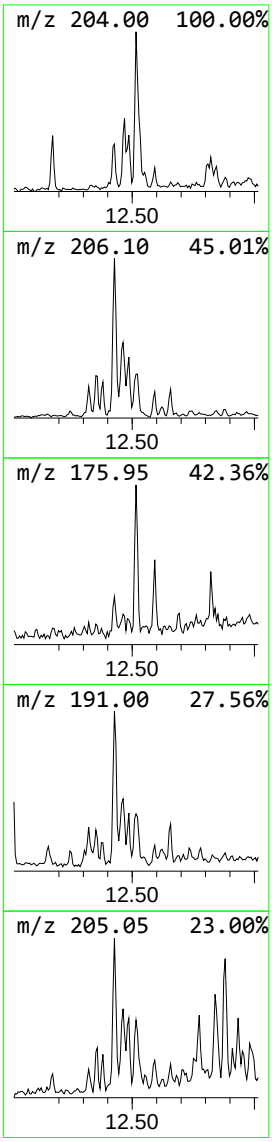
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	4.21 ng	92184	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
4	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	47
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





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Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

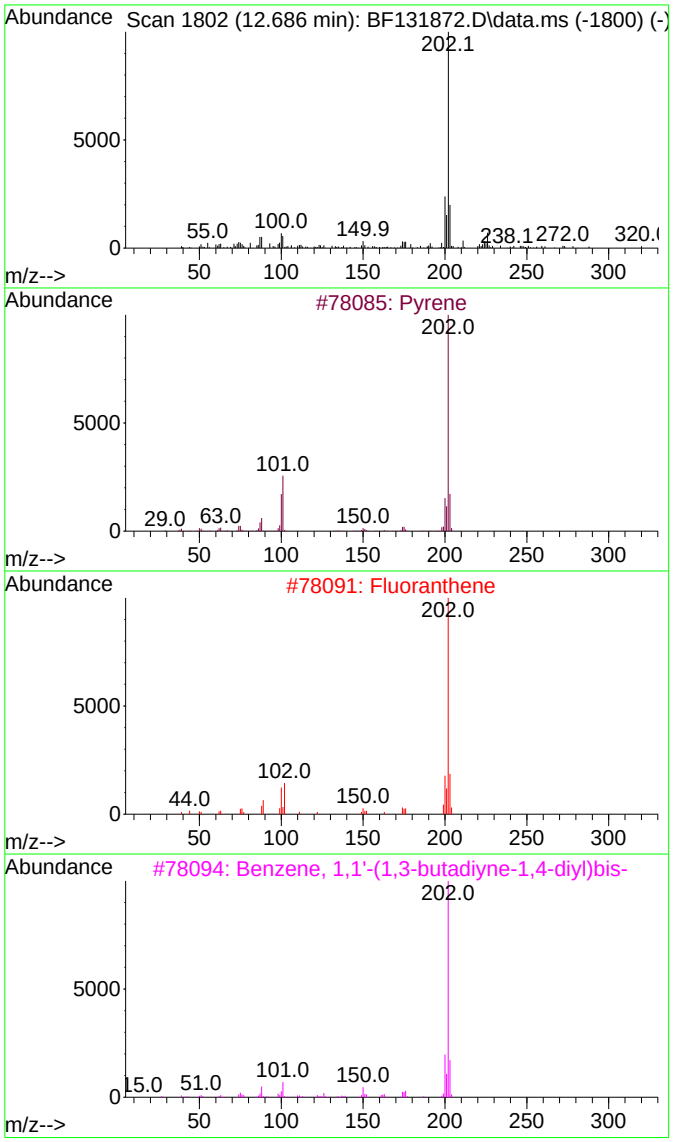
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

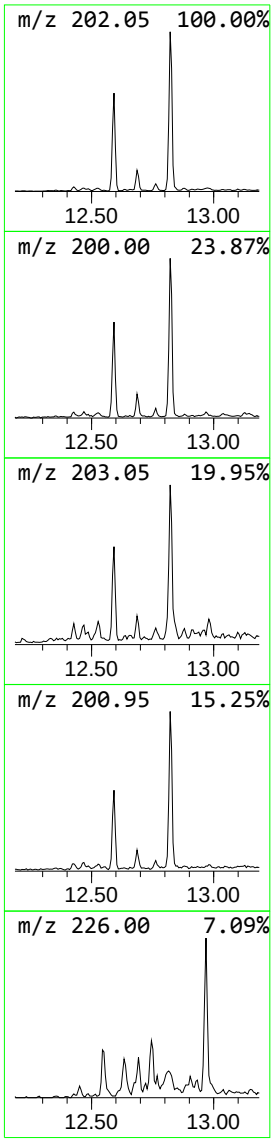
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	2.68 ng	58761	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	70
2	Fluoranthene	202	C16H10	000206-44-0	70
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	2-Hydroxyquinoline, tert-butyldi...	259	C15H21NOSi	1000463-17-4	50
5	3-Amino-6-[9-phenanthryl]-1,2,4-...	272	C17H12N4	1000254-19-1	50





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Acq On : 28 Dec 2022 21:09
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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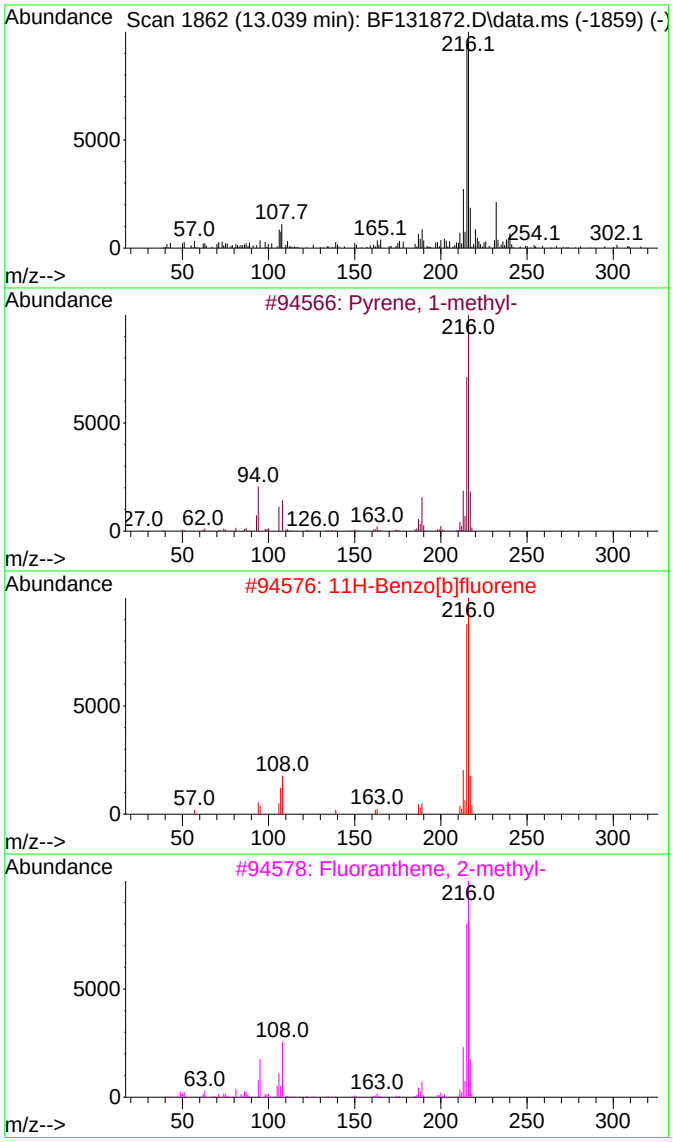
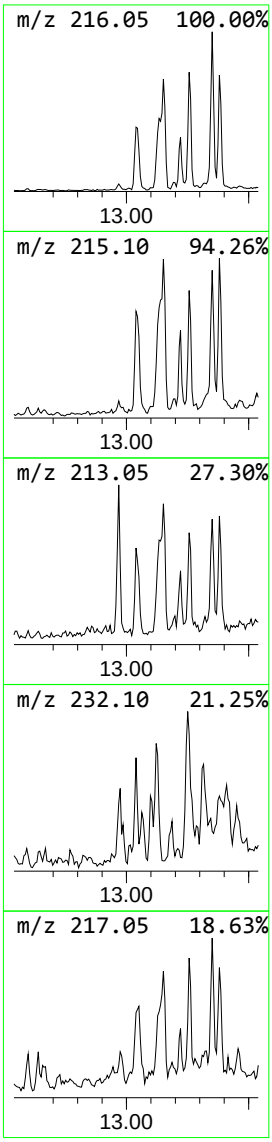
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	4.95 ng	168927	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	62





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Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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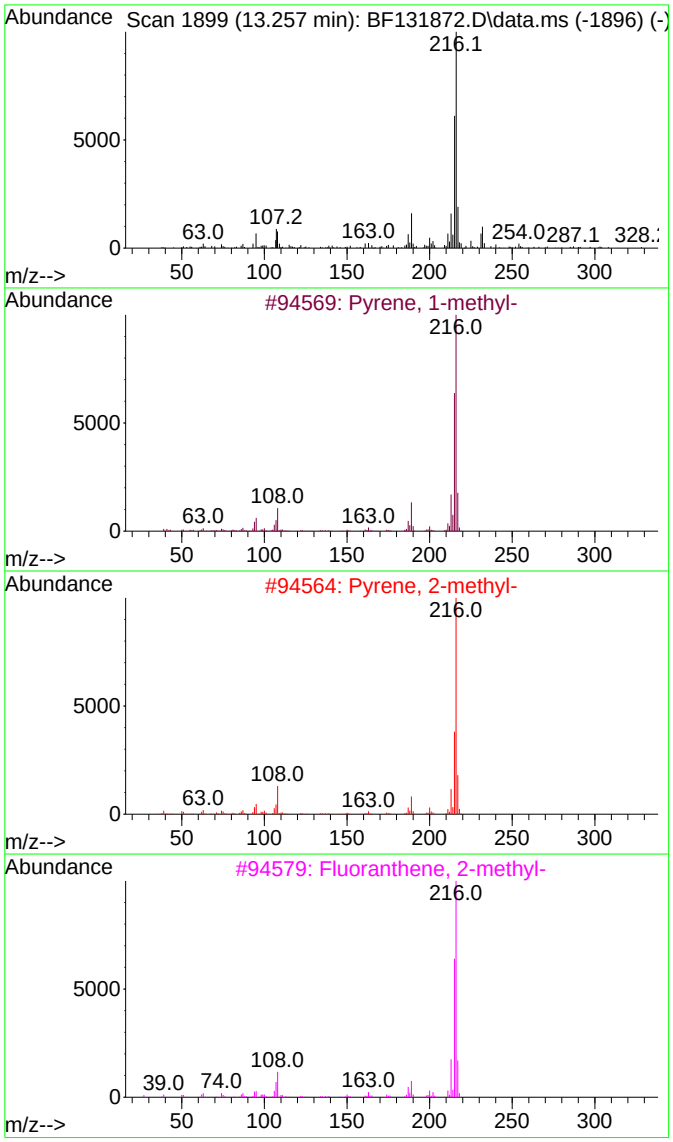
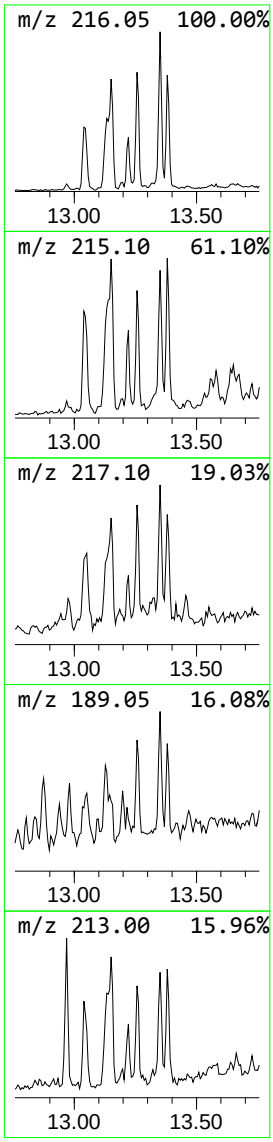
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	3.59 ng	122783	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1

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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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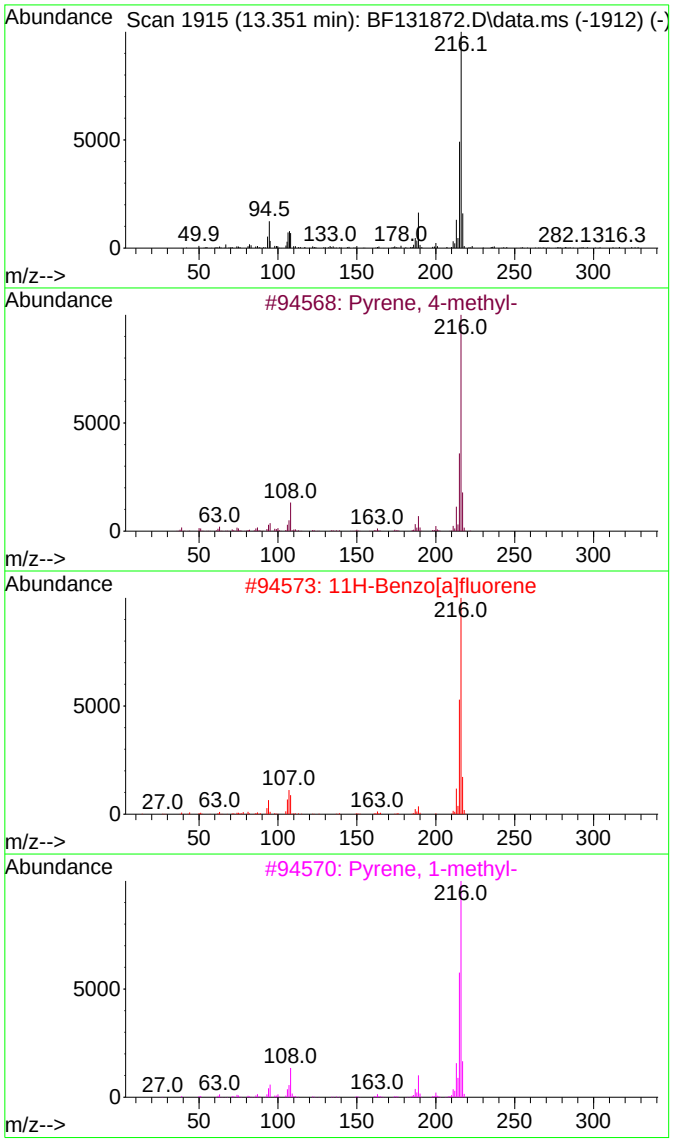
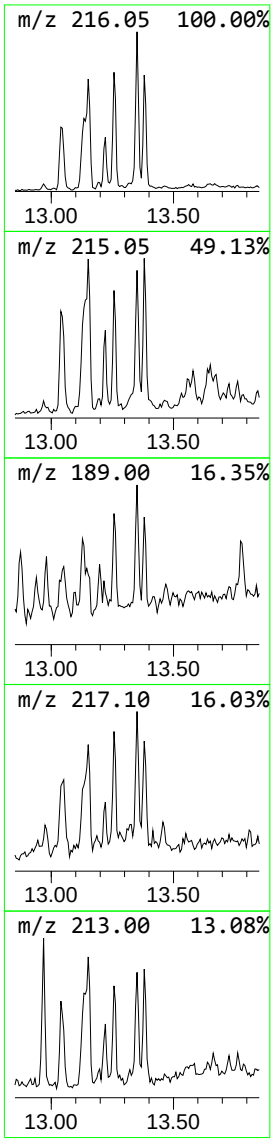
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	2.87 ng	98036	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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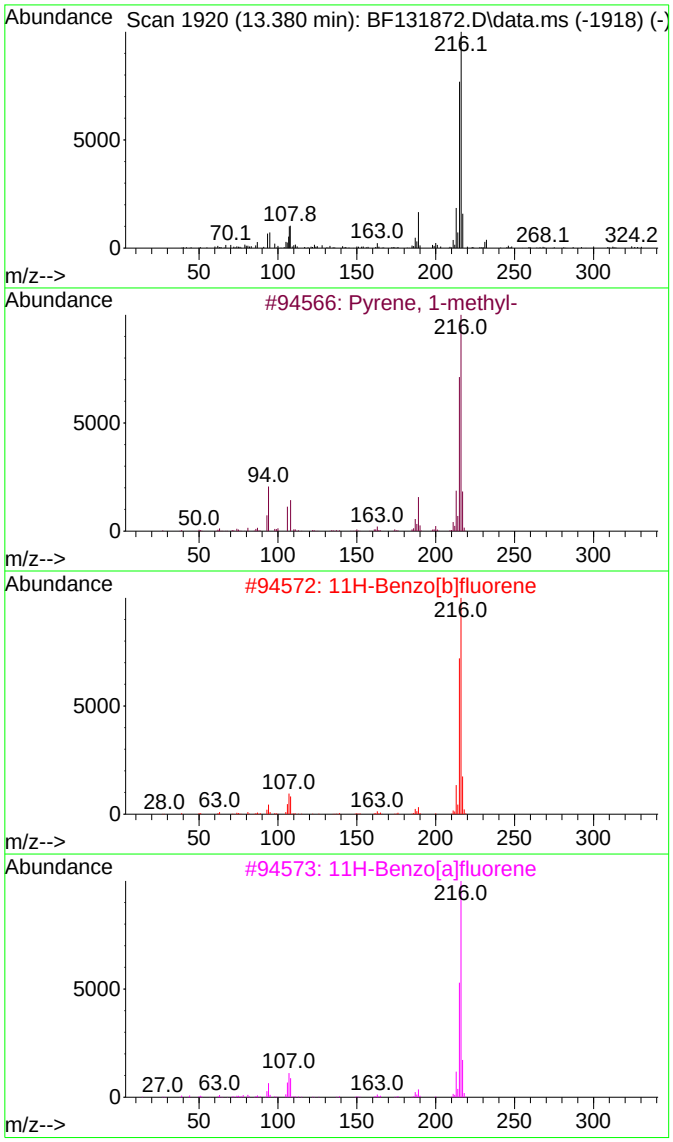
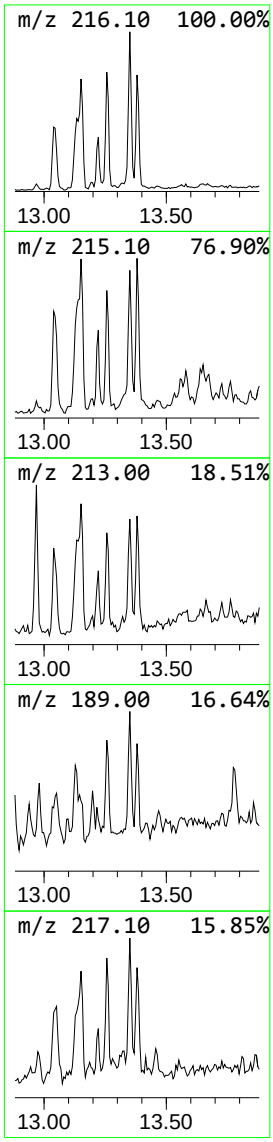
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.380	2.30 ng	78695	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

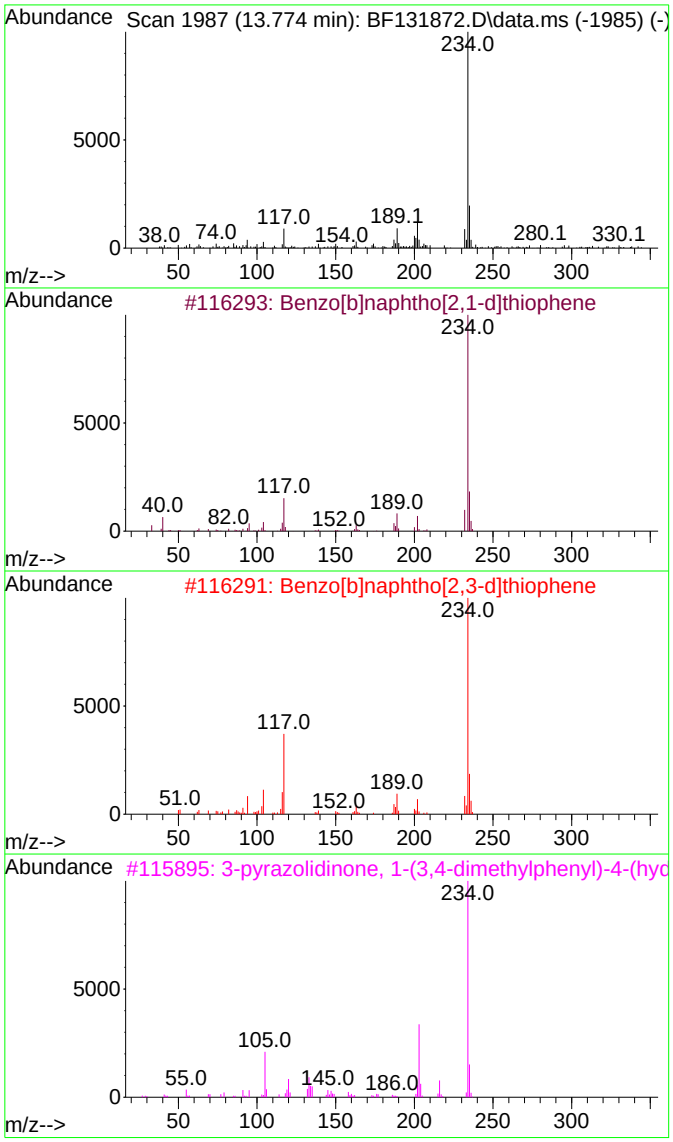
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

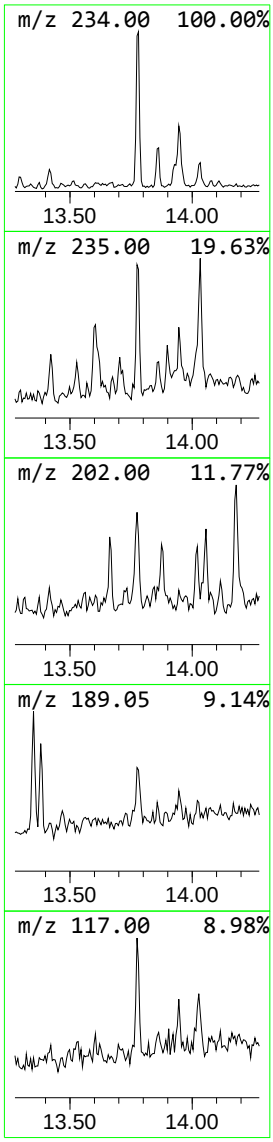
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	2.55 ng	87036	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	3-pyrazolidinone, 1-(3,4-dimethy...	234	C13H18N2O2	1000401-06-7	72
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5	1,3,6,8-Tetramethylanthracene	234	C18H18	017526-53-3	56





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Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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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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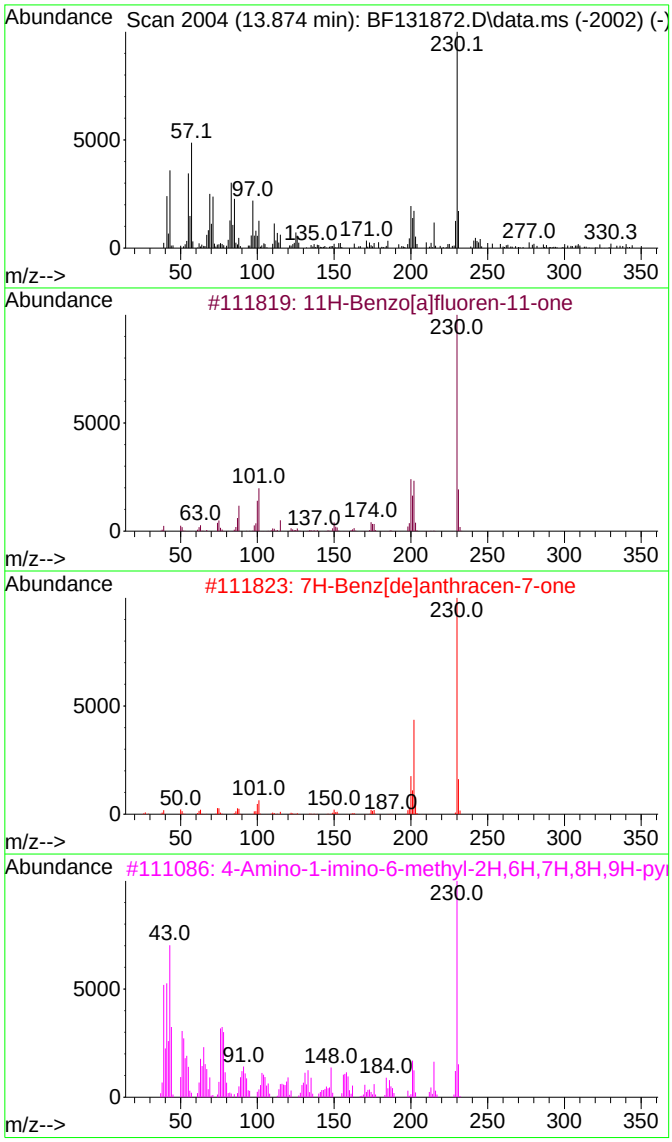
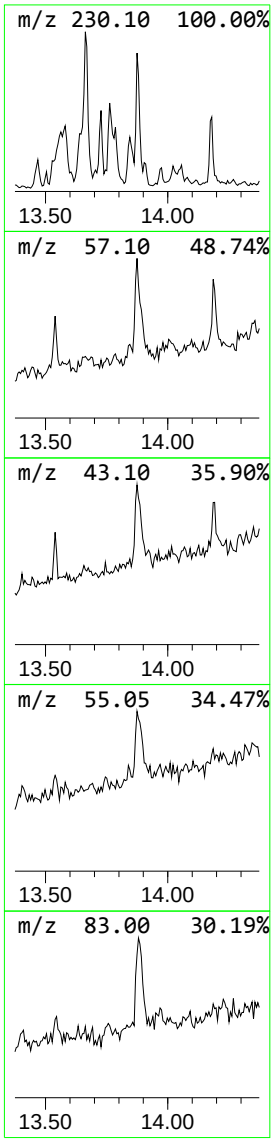
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	6.01 ng	205108	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	4-Amino-1-imino-6-methyl-2H,6H,7...	230	C12H14N4O	1000411-06-8	52
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	47
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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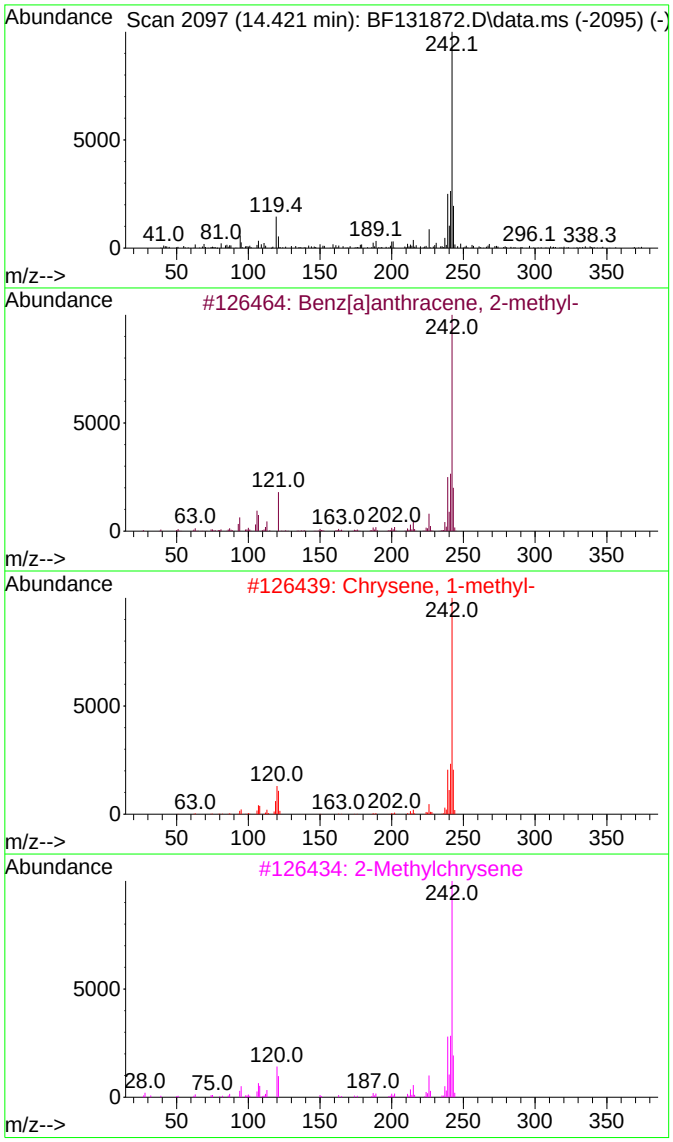
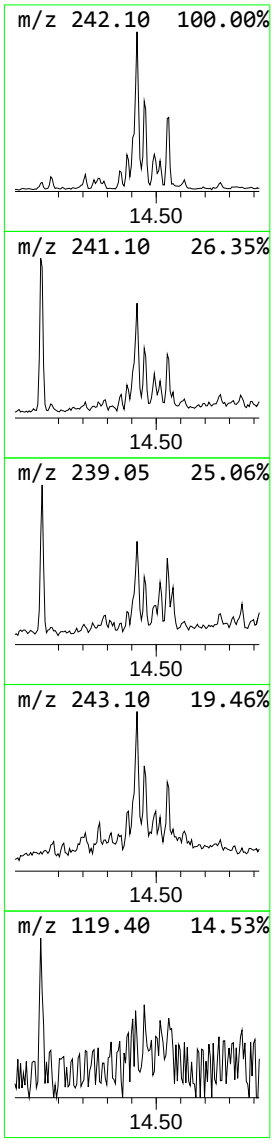
Peak Number 19 Benz[a]anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.421	2.94 ng	100340	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	76
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	74
3	2-Methylchrysene	242	C19H14	003351-32-4	68
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	68
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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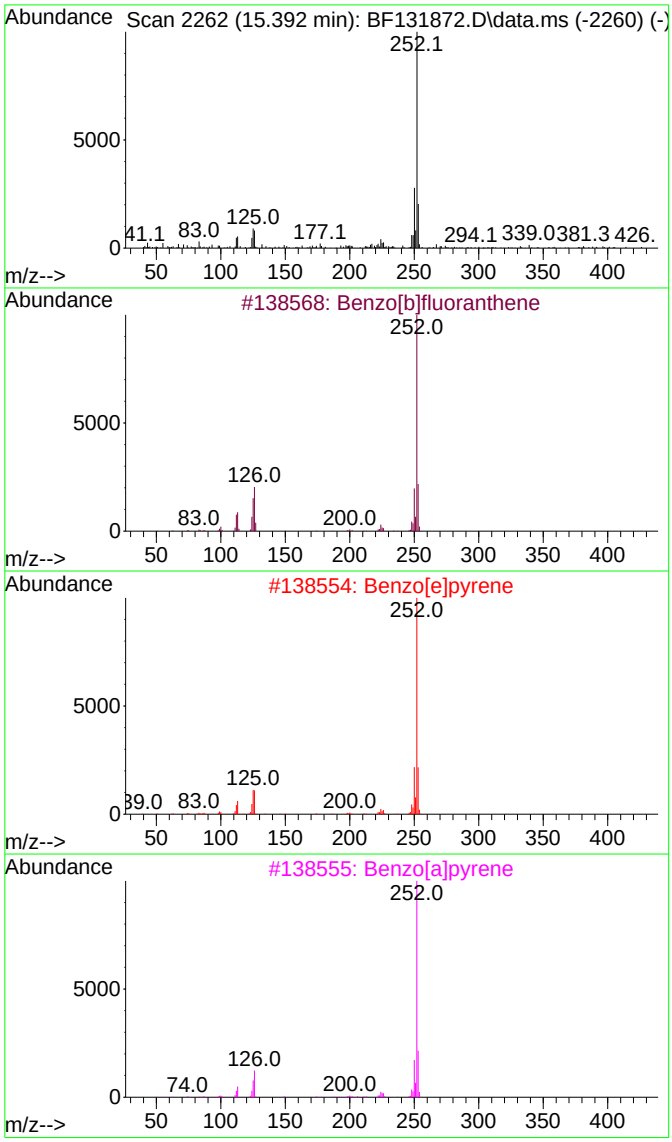
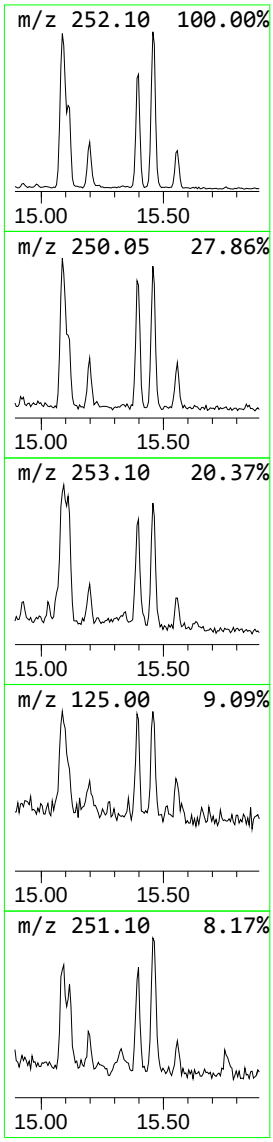
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	8.02 ng	143140	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131872.D
Acq On : 28 Dec 2022 21:09
Operator : CG\JU
Sample : N6212-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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
1,3-Dioxolane, ...	2.228	2.1	ng	43207	1	6.822	404077	20.0
2-Pentanone, 4-...	5.022	35.1	ng	709777	1	6.822	404077	20.0
Naphthalene, 2-...	9.598	2.1	ng	53955	3	9.875	501747	20.0
unknown10.792	10.792	3.0	ng	66345	4	11.369	437978	20.0
Anthracene, 1-m...	11.874	2.2	ng	47664	4	11.369	437978	20.0
1H-Cyclopropa[l...	11.904	4.3	ng	94476	4	11.369	437978	20.0
Phenanthrene, 1...	11.986	4.6	ng	99903	4	11.369	437978	20.0
1H-Indene, 2-ph...	12.010	2.3	ng	50419	4	11.369	437978	20.0
9,10-Dimethylan...	12.427	6.6	ng	144845	4	11.369	437978	20.0
di-p-Tolylacety...	12.463	4.2	ng	90935	4	11.369	437978	20.0
1,2,4,8-Tetrame...	12.516	4.2	ng	92184	4	11.369	437978	20.0
Benzene, 1,1'-(...	12.686	2.7	ng	58761	4	11.369	437978	20.0
Pyrene, 1-methyl-	13.039	5.0	ng	168927	5	14.033	683116	20.0
Pyrene, 2-methyl-	13.257	3.6	ng	122783	5	14.033	683116	20.0
Pyrene, 4-methyl-	13.351	2.9	ng	98036	5	14.033	683116	20.0
11H-Benzo[b]flu...	13.380	2.3	ng	78695	5	14.033	683116	20.0
Benzo[b]naphtho...	13.774	2.5	ng	87036	5	14.033	683116	20.0
11H-Benzo[a]flu...	13.874	6.0	ng	205108	5	14.033	683116	20.0
Benz[a]anthrace...	14.421	2.9	ng	100340	5	14.033	683116	20.0
Benzo[e]pyrene	15.392	8.0	ng	143140	6	15.521	357029	20.0