LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 342

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127239.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.410	188	191	211	rBV	18494	60876	2.09%	0.240%
2	5.504	542	547	550	rBV	2627702	2407507	82.73%	9.511%
3	6.151	654	657	660	rBV	38843	30841	1.06%	0.122%
4	6.510	713	718	721	rBV	2560140	2508805	86.21%	9.911%
5	6.875	777	780	784	rBV	840904	671872	23.09%	2.654%
6	7.445	872	877	880	rBV	1801400	1754217	60.28%	6.930%
7	8.157	995	998	1001	rBV	999327	929401	31.94%	3.672%
8	9.239	1177	1182	1185	rBV	3064680	2910122	100.00%	11.497%
9	9.575	1235	1239	1241	rBV	35154	37118	1.28%	0.147%
10	9.781	1268	1274	1278	rBV	63088	67699	2.33%	0.267%
11	9.887	1287	1292	1294	rBV2	292828	242271	8.33%	0.957%
12	9.922	1294	1298	1301	rVV	1098289	1003558	34.49%	3.965%
13	9.951	1301	1303	1307	rVB	86907	71021	2.44%	0.281%
14	10.034	1312	1317	1319	rBV4	41117	43098	1.48%	0.170%
15	10.122	1326	1332	1336	rBV2	47111	58579	2.01%	0.231%
16	10.234	1348	1351	1354	rBV2	25826	30077	1.03%	0.119%
17	10.339	1361	1369	1372	rBV7	26487	52445	1.80%	0.207%
18	10.469	1387	1391	1395	rVB2	93392	95079	3.27%	0.376%
19	10.622	1412	1417	1424	rVB2	29792	39207	1.35%	0.155%
20	10.710	1428	1432	1436	rVV	2043171	1899321	65.27%	7.503%
21	10.816	1446	1450	1458	rVB8	32130	64622	2.22%	0.255%
22	11.016	1479	1484	1486	rBV2	36268	42152	1.45%	0.167%
23	11.216	1514	1518	1520	rBV2	26414	32744	1.13%	0.129%
24	11.263	1522	1526	1528	rVV4	28874	38673	1.33%	0.153%
25	11.304	1531	1533	1539	rVB	45716	41127	1.41%	0.162%
26	11.410	1547	1551	1553	rBV	1124222	927609	31.88%	3.665%
27	11.433	1553	1555	1559	rVV	570731	433658	14.90%	1.713%
28	11.486	1561	1564	1566	rVV	89141	72724	2.50%	0.287%
29	11.522	1566	1570	1575	rVB3	28291	39725	1.37%	0.157%
30	11.645	1586	1591	1596	rBV3	45748	76513	2.63%	0.302%
31	11.910	1633	1636	1638	rBV	105079	102446	3.52%	0.405%
32	11.939	1638	1641	1644	rVB	146272	143408	4.93%	0.567%
33	12.028	1652	1656	1658	rBV2	153635	183993	6.32%	0.727%
34	12.045	1658	1659	1663	rVB	84572	61926	2.13%	0.245%
35	12.175	1678	1681	1684	rVB	77087	66464	2.28%	0.263%
36	12.210	1684	1687	1689	rBV	64756	60905	2.09%	0.241%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 342

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.239	1689	1692	1694	rBV	45845	46144	1.59%	0.182%
38	12.386	1714	1717	1719	rBV	36281	30919	1.06%	0.122%
39	12.463	1727	1730	1731	rBV	133593	124680	4.28%	0.493%
40	12.498	1731	1736	1738	rVV4	125344	261949	9.00%	1.035%
41	12.628	1755	1758	1762	rVB	749064	606825	20.85%	2.397%
42	12.780	1781	1784	1786	rVB2	62768	59513	2.05%	0.235%
43	12.857	1791	1797	1803	rBV	652185	677075	23.27%	2.675%
44	12.910	1803	1806	1809	rVB3	52541	57820	1.99%	0.228%
45	12.998	1817	1821	1824	rVB	2444100	2058393	70.73%	8.132%
46	13.069	1829	1833	1838	rBV4	54303	103377	3.55%	0.408%
47	13.169	1846	1850	1851	rBV3	53271	70071	2.41%	0.277%
48	13.186	1851	1853	1861	rVB4	96158	163920	5.63%	0.648%
49	13.251	1861	1864	1866	rBV2	58512	48295	1.66%	0.191%
50	13.292	1867	1871	1873	rBV2	67604	70024	2.41%	0.277%
51	13.380	1884	1886	1889	rVB	62846	51279	1.76%	0.203%
52	13.410	1889	1891	1894	rBV	43268	40219	1.38%	0.159%
53	13.692	1937	1939	1944	rVB	41216	40323	1.39%	0.159%
54	13.763	1947	1951	1954	rBV	764246	625599	21.50%	2.471%
55	13.833	1961	1963	1965	rBV	37582	33603	1.15%	0.133%
56	13.922	1976	1978	1980	rVB	87620	63652	2.19%	0.251%
57	14.057	1997	2001	2004	rBV2	629138	728304	25.03%	2.877%
58	14.086	2004	2006	2013	rVB	243005	217244	7.47%	0.858%
59	15.110	2176	2180	2184	rBV	252584	417237	14.34%	1.648%
60	15.421	2229	2233	2240	rVB	174721	221752	7.62%	0.876%
61	15.486	2240	2244	2250	rVB	224626	273021	9.38%	1.079%
62	15.551	2251	2255	2259	rBV	470323	575386	19.77%	2.273%
63	17.057	2507	2511	2518	rVB2	99883	183714	6.31%	0.726%
64	17.515	2584	2589	2597	rVB	80330	160438	5.51%	0.634%

Sum of corrected areas: 25312579

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
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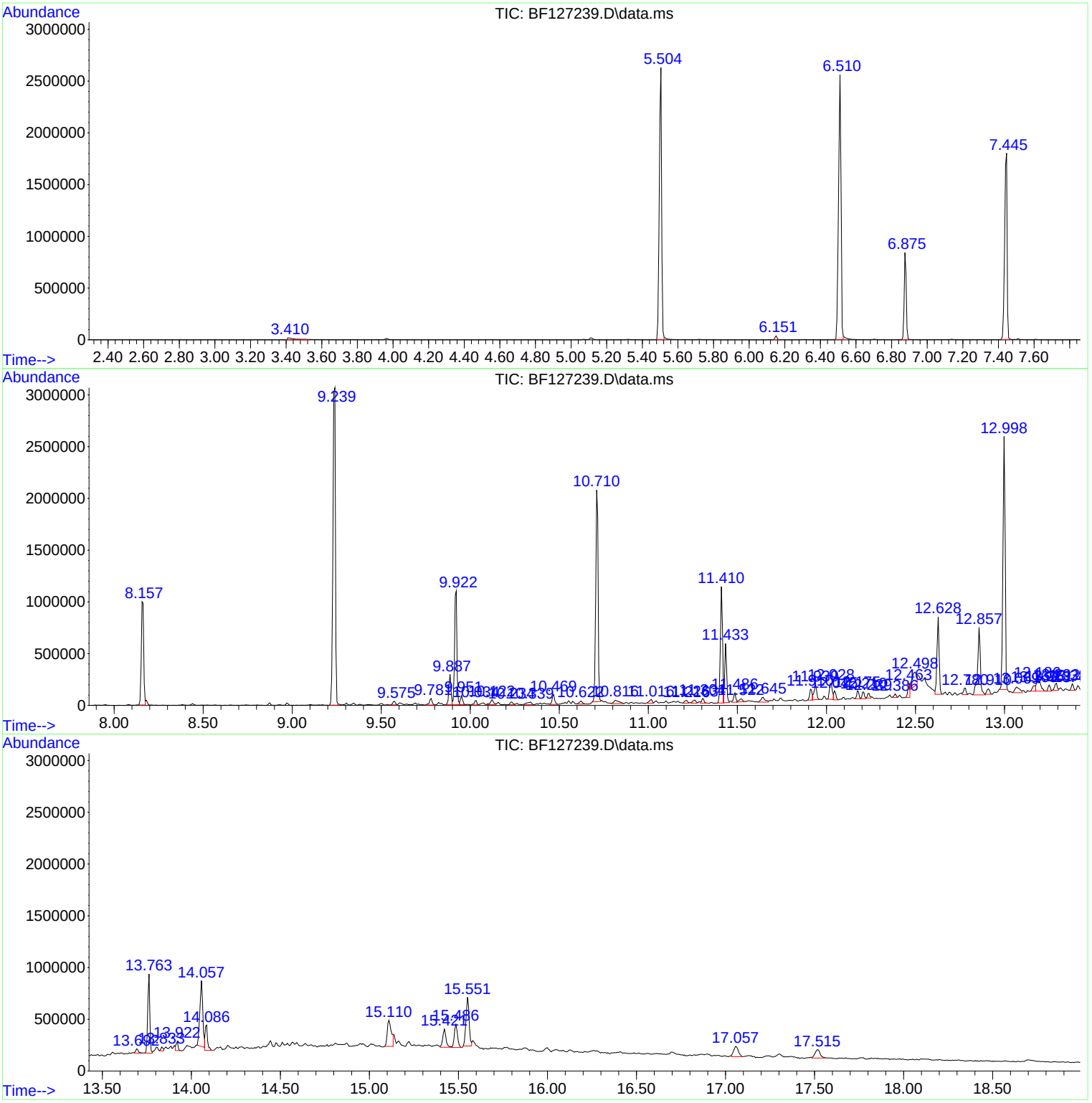
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

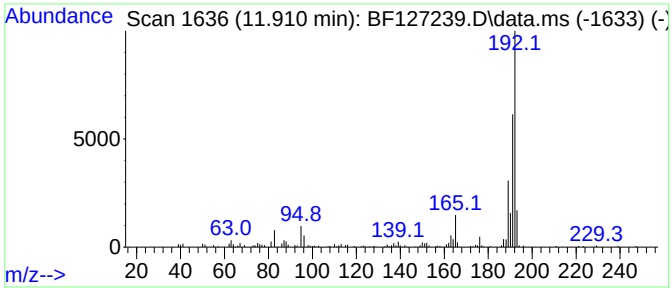
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

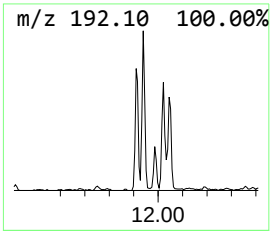
****

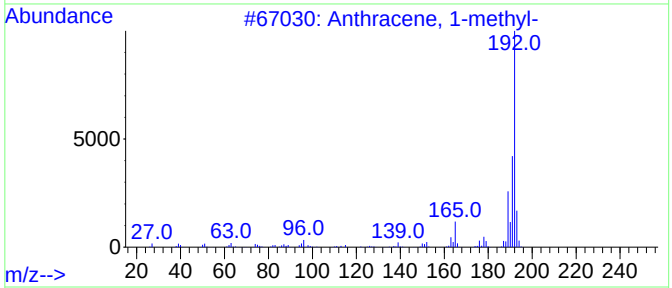
Peak Number 1 Anthracene, 1-methyl- Concentration Rank 9

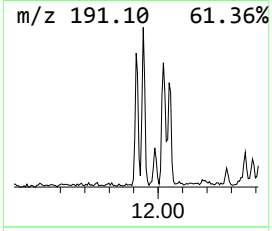
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.21 ng	102446	Phenanthrene-d10	11.410

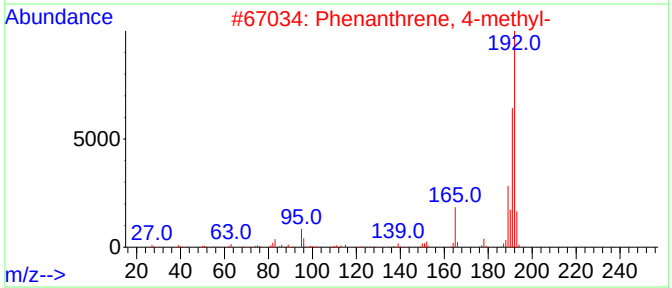
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93

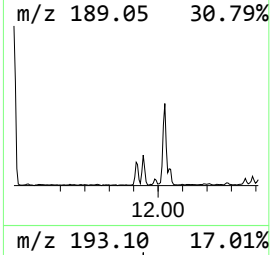


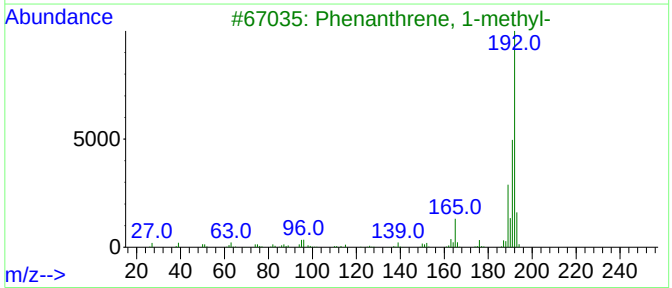


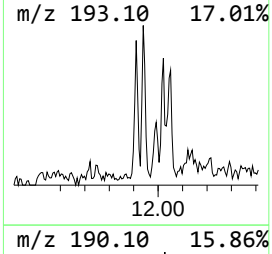


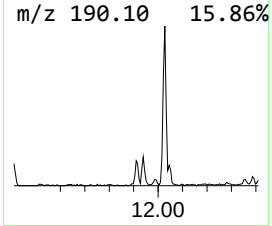












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

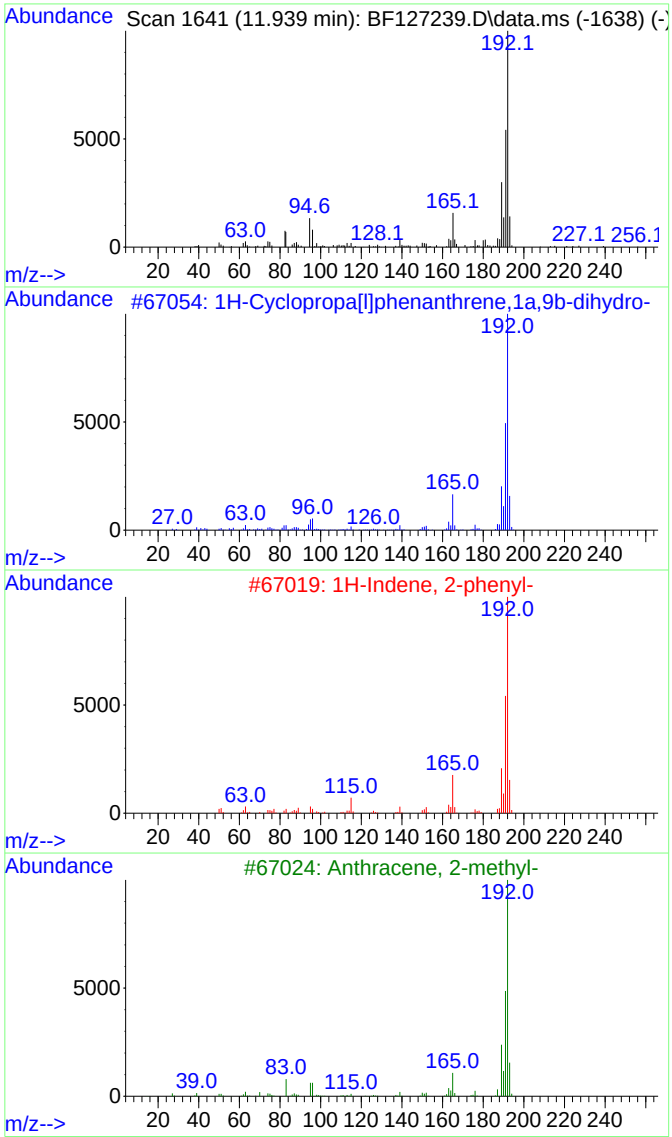
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

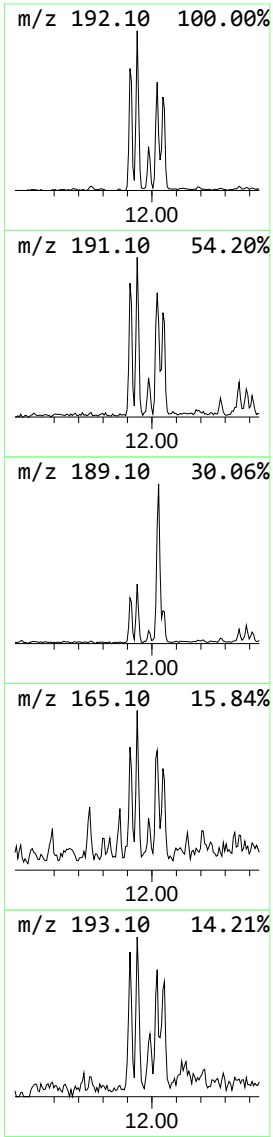
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.09 ng	143408	Phenanthrene-d10	11.410

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, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

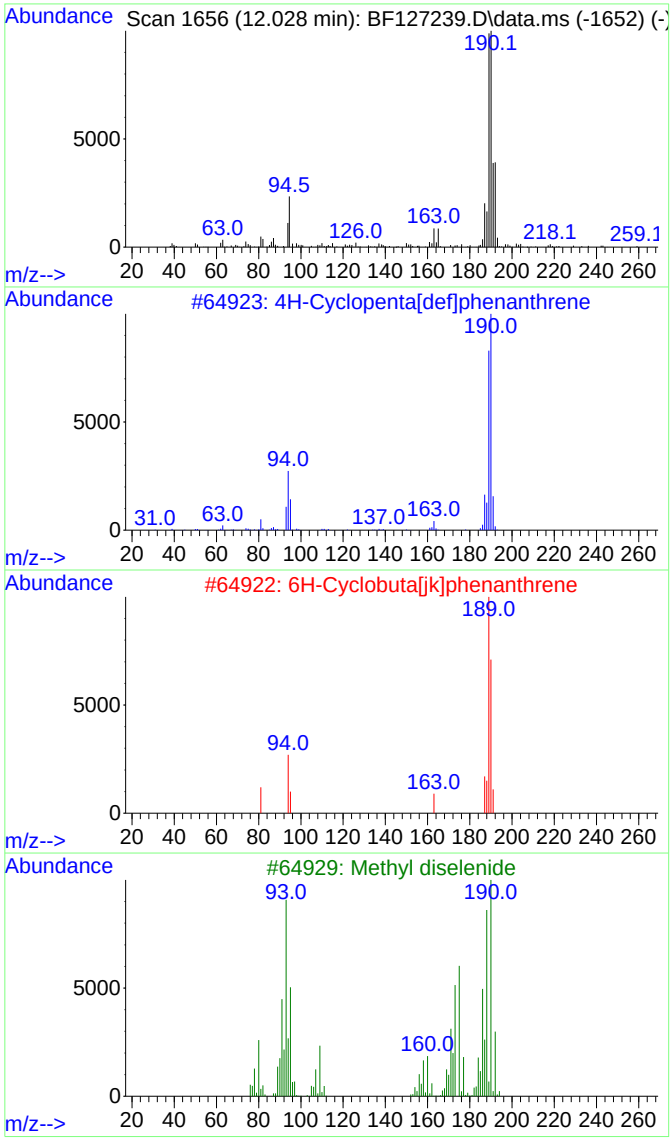
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

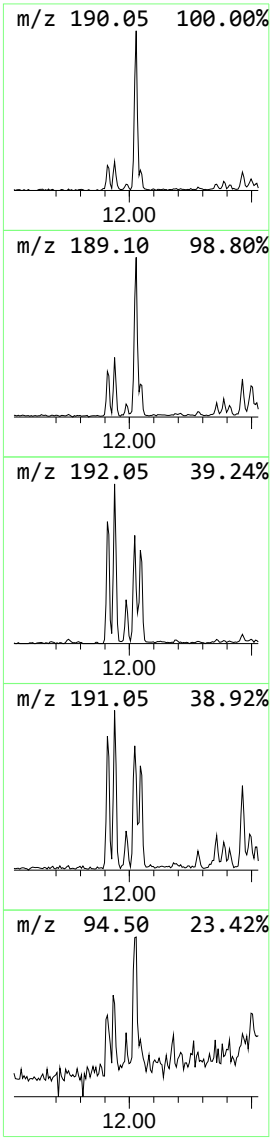
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	3.97 ng	183993	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

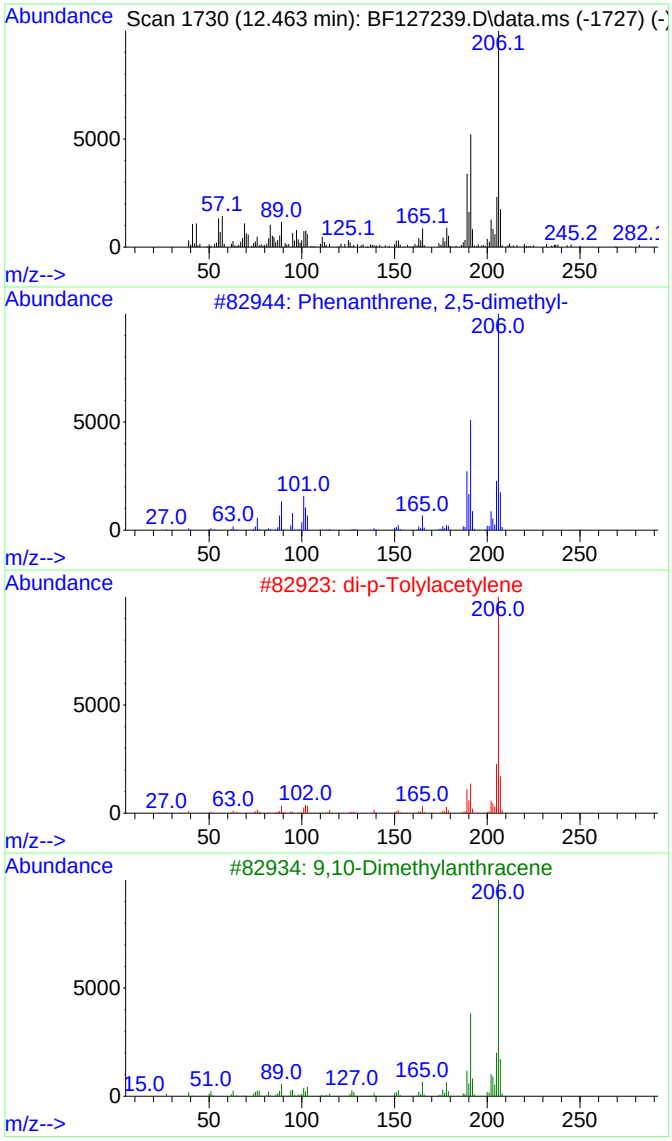
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

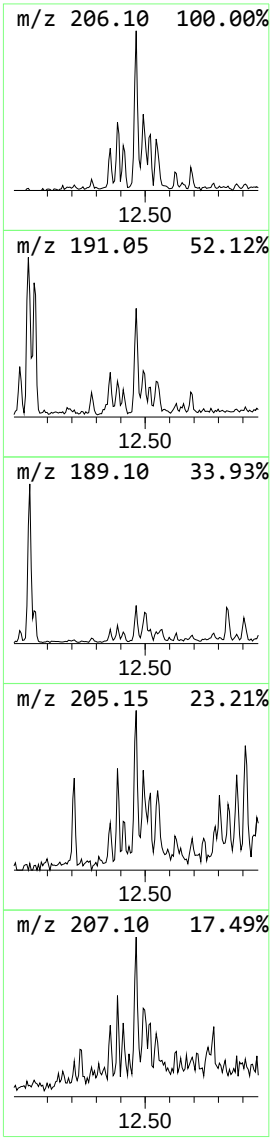
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	2.69 ng	124680	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

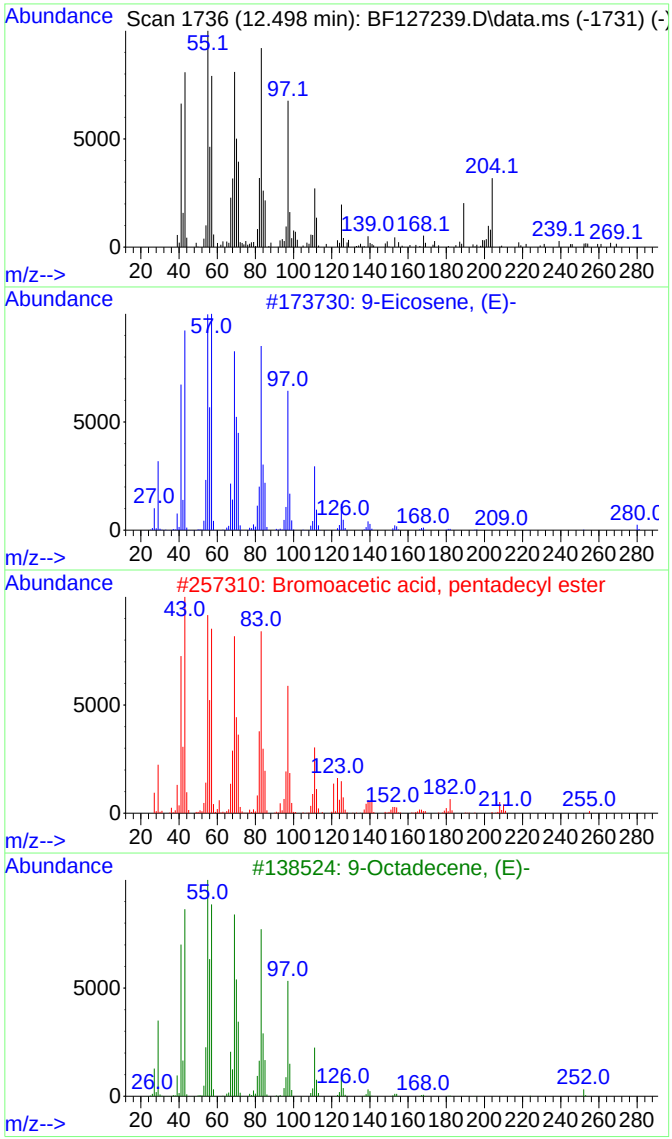
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

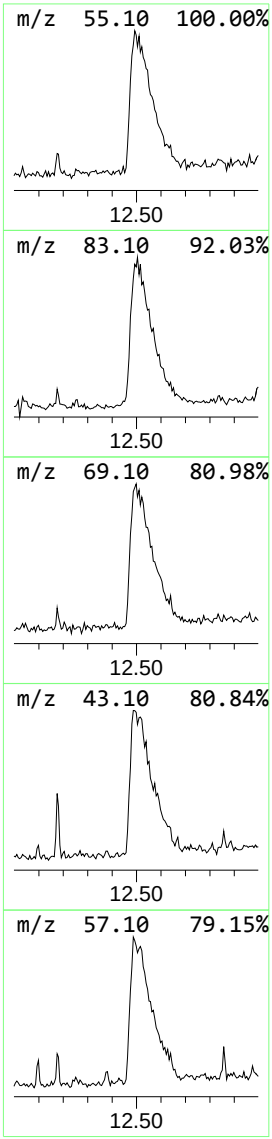
****

Peak Number 5 9-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	5.65 ng	261949	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	87
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
5	1-Octadecanol	270	C18H38O	000112-92-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

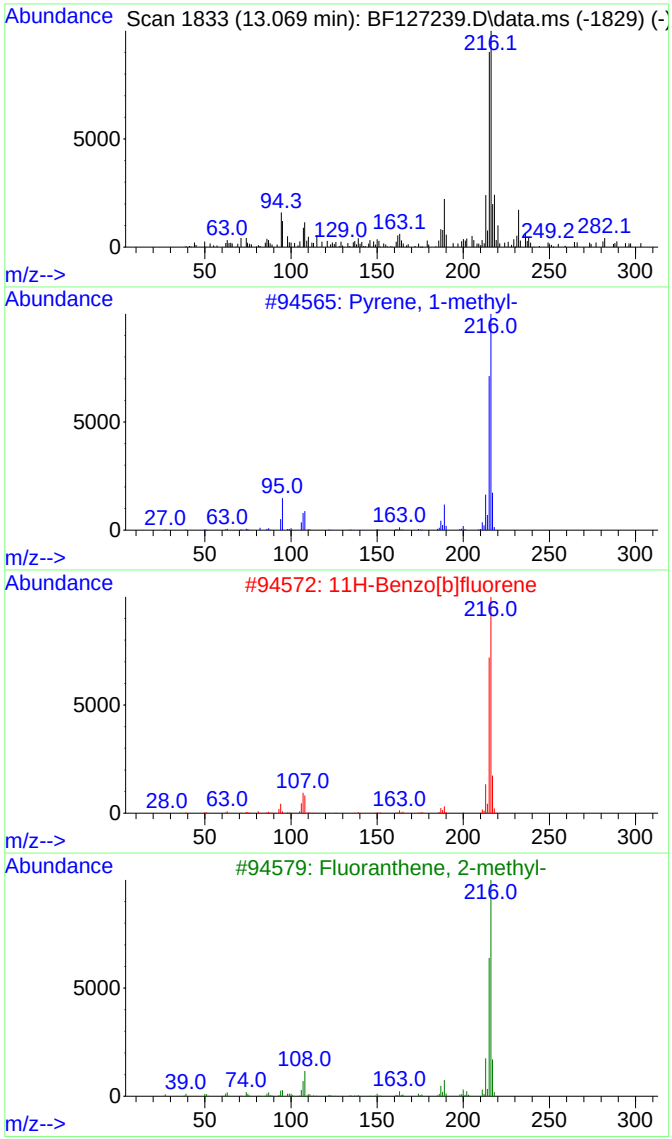
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

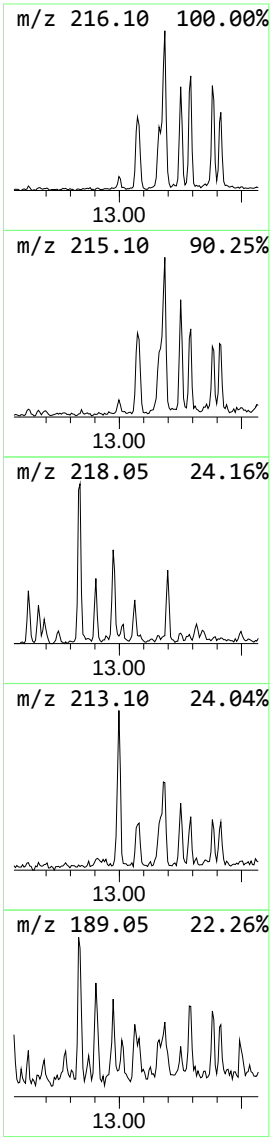
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.84 ng	103377	Chrysene-d12	14.057

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	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

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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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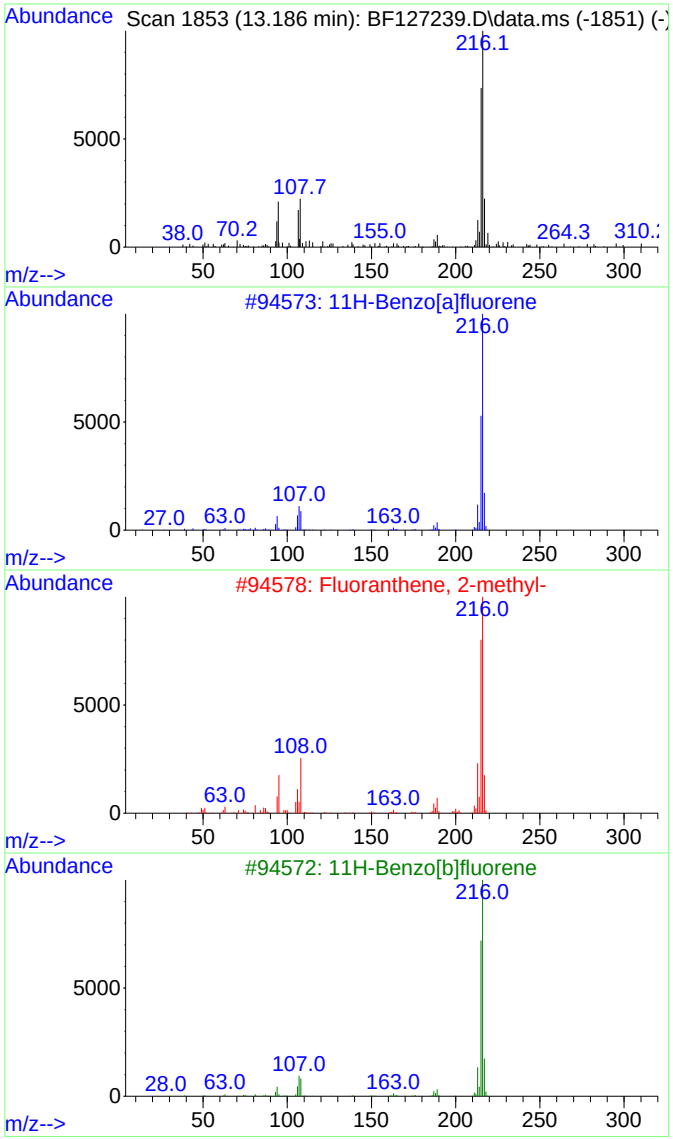
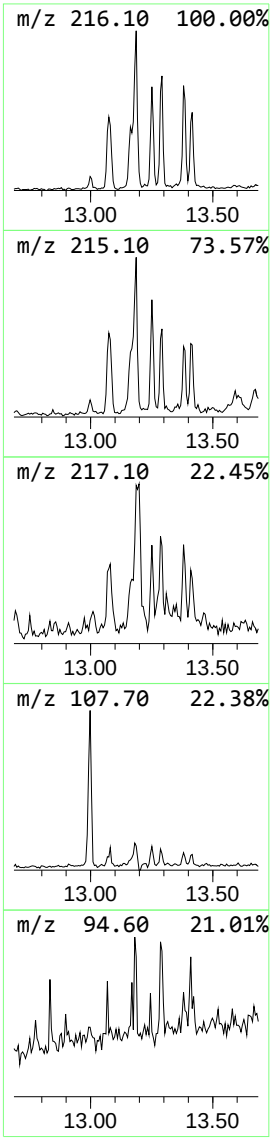
Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	4.50 ng	163920	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





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Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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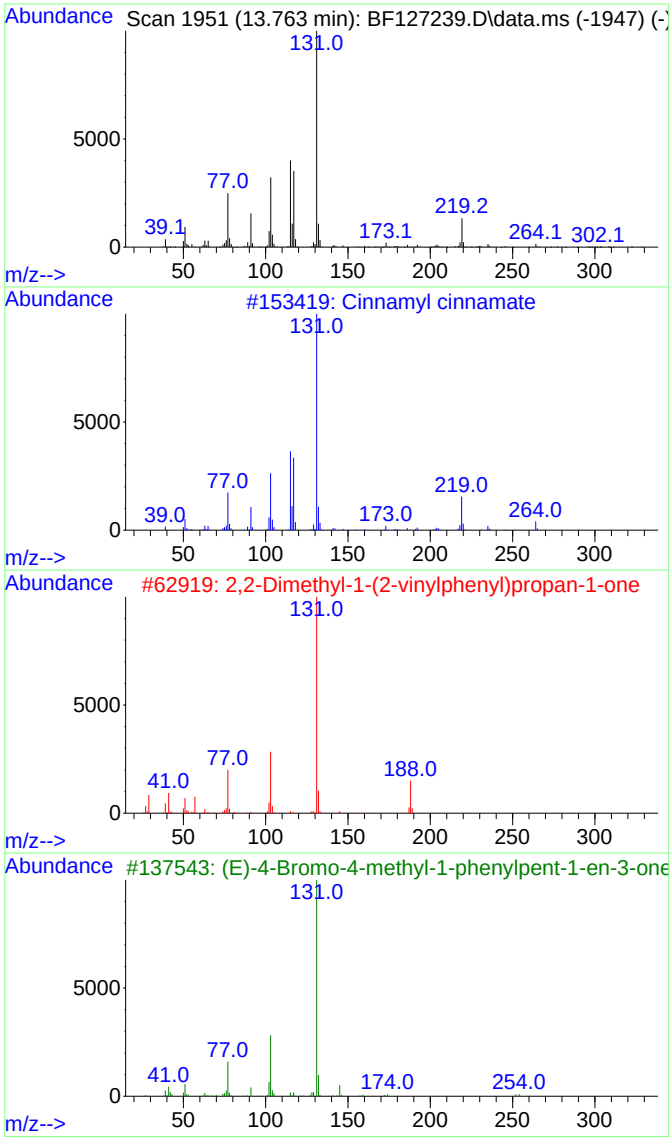
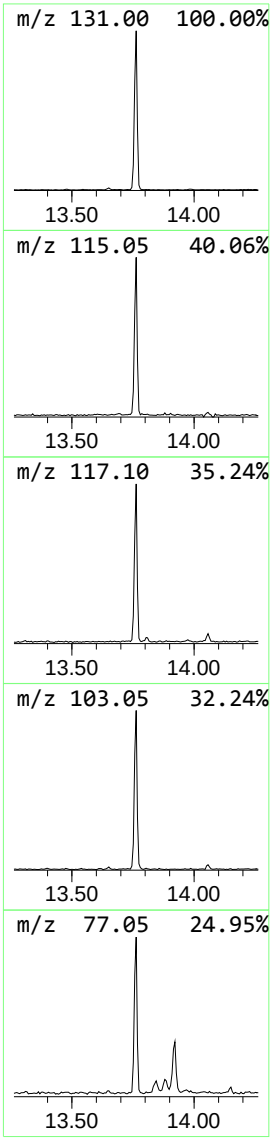
Peak Number 8 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	17.18 ng	625599	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3	(E)-4-Bromo-4-methyl-1-phenylpen...	252	C12H13BrO	1000443-02-8	49
4	(2E)-N-(2-Fluorophenyl)-3-phenyl...	241	C15H12FNO	025893-50-9	47
5	N-(3-Chlorophenyl)-3-phenyl-2-pr...	257	C15H12ClNO	064741-15-7	47





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Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
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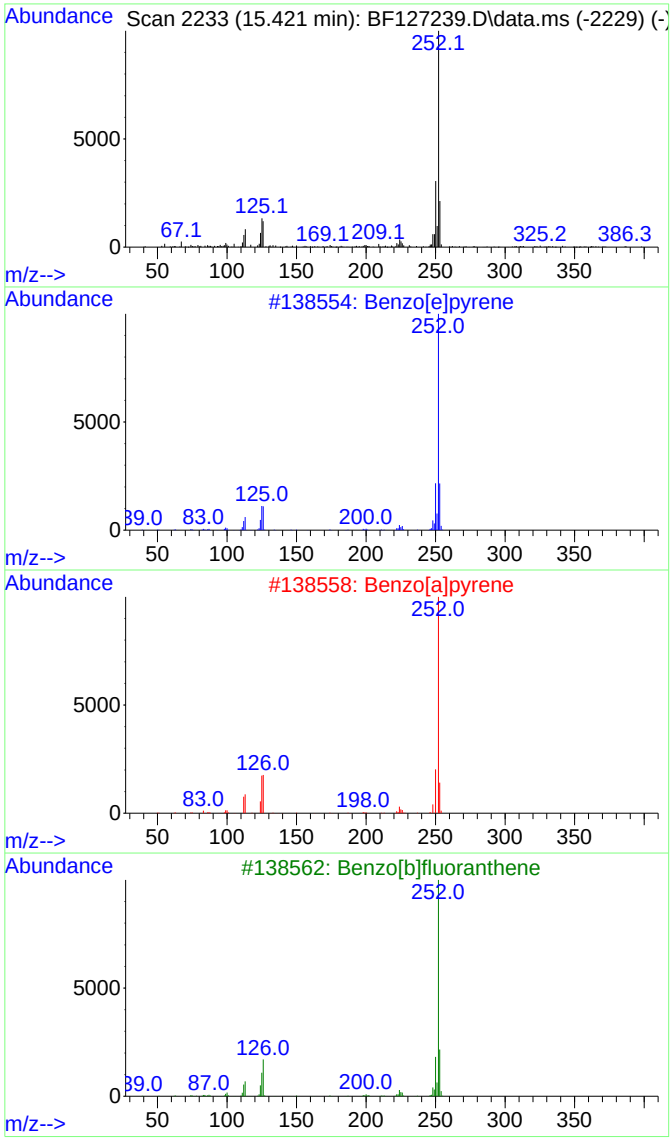
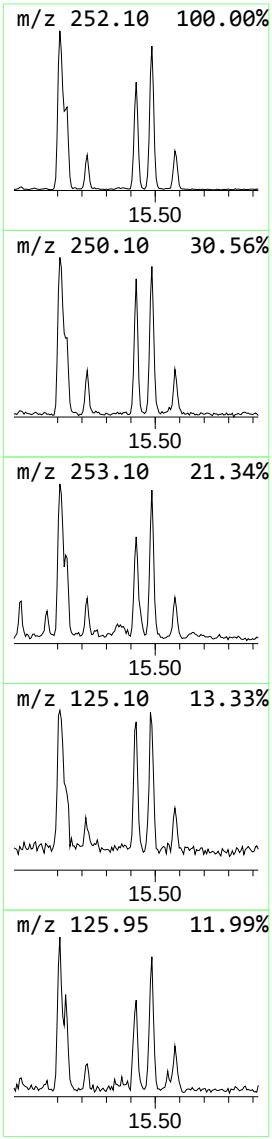
Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	7.71 ng	221752	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	92
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127239.D
Acq On : 08 Mar 2022 00:21
Operator : CG\JU
Sample : N1802-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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
Anthracene, 1-m...	11.910	2.2	ng	102446	4	11.410	927609	20.0
1H-Cyclopropa[l...	11.939	3.1	ng	143408	4	11.410	927609	20.0
4H-Cyclopenta[d...	12.028	4.0	ng	183993	4	11.410	927609	20.0
Phenanthrene, 2...	12.463	2.7	ng	124680	4	11.410	927609	20.0
9-Eicosene, (E)-	12.498	5.7	ng	261949	4	11.410	927609	20.0
Pyrene, 1-methyl-	13.069	2.8	ng	103377	5	14.057	728304	20.0
11H-Benzo[a]flu...	13.186	4.5	ng	163920	5	14.057	728304	20.0
Cinnamyl cinnamate	13.763	17.2	ng	625599	5	14.057	728304	20.0
Benzo[e]pyrene	15.422	7.7	ng	221752	6	15.551	575386	20.0