LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132589.D
Acq On : 01 Mar 2023 14:04
Operator : CG\JU
Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR53-VNJ201

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.640	344	349	354	rBV	62728	75263	1.64%	0.160%
2	5.240	446	451	465	rVB	1927175	2485154	54.01%	5.295%
3	5.634	513	518	521	rBV	4141960	3971909	86.32%	8.463%
4	6.016	580	583	590	rBV	85682	81110	1.76%	0.173%
5	6.628	682	687	690	rBV	4040259	3955041	85.95%	8.427%
6	7.004	747	751	754	rBV	1453030	1286284	27.95%	2.741%
7	7.563	842	846	849	rBV	2889832	2687381	58.40%	5.726%
8	8.286	965	969	972	rBV	2070353	1672658	36.35%	3.564%
9	9.363	1148	1152	1155	rBV	5594681	4601434	100.00%	9.804%
10	9.910	1242	1245	1247	rBV	57298	55168	1.20%	0.118%
11	9.933	1247	1249	1252	rVV	98126	74832	1.63%	0.159%
12	10.045	1265	1268	1272	rBV	1991722	1808635	39.31%	3.854%
13	10.463	1332	1339	1343	rBV4	48534	68144	1.48%	0.145%
14	10.598	1359	1362	1367	rVB	62942	61360	1.33%	0.131%
15	10.763	1386	1390	1393	rBV	1526349	1265465	27.50%	2.696%
16	10.839	1399	1403	1407	rBV	2928514	2689428	58.45%	5.730%
17	11.069	1439	1442	1446	rBV	208020	192016	4.17%	0.409%
18	11.145	1449	1455	1458	rBV4	36370	57971	1.26%	0.124%
19	11.386	1493	1496	1500	rBV3	64658	74702	1.62%	0.159%
20	11.439	1503	1505	1508	rVB	67902	55856	1.21%	0.119%
21	11.545	1519	1523	1525	rBV	1849844	1764402	38.34%	3.759%
22	11.569	1525	1527	1530	rVV	843393	674274	14.65%	1.437%
23	11.616	1531	1535	1538	rVV	172344	160769	3.49%	0.343%
24	11.774	1558	1562	1567	rBV2	61584	81511	1.77%	0.174%
25	12.051	1605	1609	1611	rBV2	354106	382982	8.32%	0.816%
26	12.074	1611	1613	1618	rVV2	247573	246296	5.35%	0.525%
27	12.121	1618	1621	1624	rVV	77576	83325	1.81%	0.178%
28	12.157	1624	1627	1630	rVV2	224455	277332	6.03%	0.591%
29	12.180	1630	1631	1636	rVB	129383	85060	1.85%	0.181%
30	12.339	1656	1658	1661	rBV	105035	90331	1.96%	0.192%
31	12.598	1699	1702	1704	rBV	114498	118614	2.58%	0.253%
32	12.686	1714	1717	1722	rBV	91066	98099	2.13%	0.209%
33	12.763	1726	1730	1734	rBV	1622052	1346277	29.26%	2.869%
34	12.839	1739	1743	1749	rBV3	63831	130304	2.83%	0.278%
35	12.992	1763	1769	1775	rBV	1267950	1480273	32.17%	3.154%
36	13.039	1775	1777	1781	rVB2	75800	84112	1.83%	0.179%

LSC Area Percent Report

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Operator : CG\JU
Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR53-VNJ201

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.133	1786	1793	1796	rBV	4232160	3776461	82.07%	8.047%
38	13.210	1802	1806	1810	rBV2	89047	151261	3.29%	0.322%
39	13.298	1818	1821	1822	rBV3	74597	72309	1.57%	0.154%
40	13.321	1822	1825	1828	rVB2	181445	174690	3.80%	0.372%
41	13.392	1834	1837	1839	rVB	91950	82643	1.80%	0.176%
42	13.427	1839	1843	1846	rBV2	145317	150434	3.27%	0.321%
43	13.521	1856	1859	1861	rBV	83213	65709	1.43%	0.140%
44	13.551	1861	1864	1867	rBV2	77158	78357	1.70%	0.167%
45	13.833	1909	1912	1916	rVB	109264	109474	2.38%	0.233%
46	13.945	1927	1931	1934	rBV2	97012	132181	2.87%	0.282%
47	13.974	1934	1936	1938	rVV	104387	92491	2.01%	0.197%
48	13.998	1938	1940	1945	rVV2	89695	158732	3.45%	0.338%
49	14.045	1945	1948	1956	rVB3	161410	252656	5.49%	0.538%
50	14.198	1969	1974	1977	rBV2	1458368	1881173	40.88%	4.008%
51	14.227	1977	1979	1985	rVB	612829	541327	11.76%	1.153%
52	14.304	1990	1992	1995	rBV	99761	93648	2.04%	0.200%
53	14.427	2009	2013	2016	rBV3	49730	58949	1.28%	0.126%
54	14.586	2037	2040	2043	rVB	137928	118140	2.57%	0.252%
55	14.739	2064	2066	2071	rVB3	65641	65607	1.43%	0.140%
56	15.286	2154	2159	2162	rBV	586543	922635	20.05%	1.966%
57	15.404	2176	2179	2182	rBV	111146	111147	2.42%	0.237%
58	15.615	2211	2215	2221	rVB	362465	459053	9.98%	0.978%
59	15.680	2222	2226	2232	rBV	506896	667300	14.50%	1.422%
60	15.751	2233	2238	2242	rBV	1001303	1377429	29.93%	2.935%
61	16.227	2315	2319	2324	rVB2	85979	131071	2.85%	0.279%
62	17.345	2503	2509	2519	rVB2	226679	455435	9.90%	0.970%
63	17.833	2585	2592	2605	rVB	188357	428674	9.32%	0.913%

Sum of corrected areas: 46932758

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Instrument :
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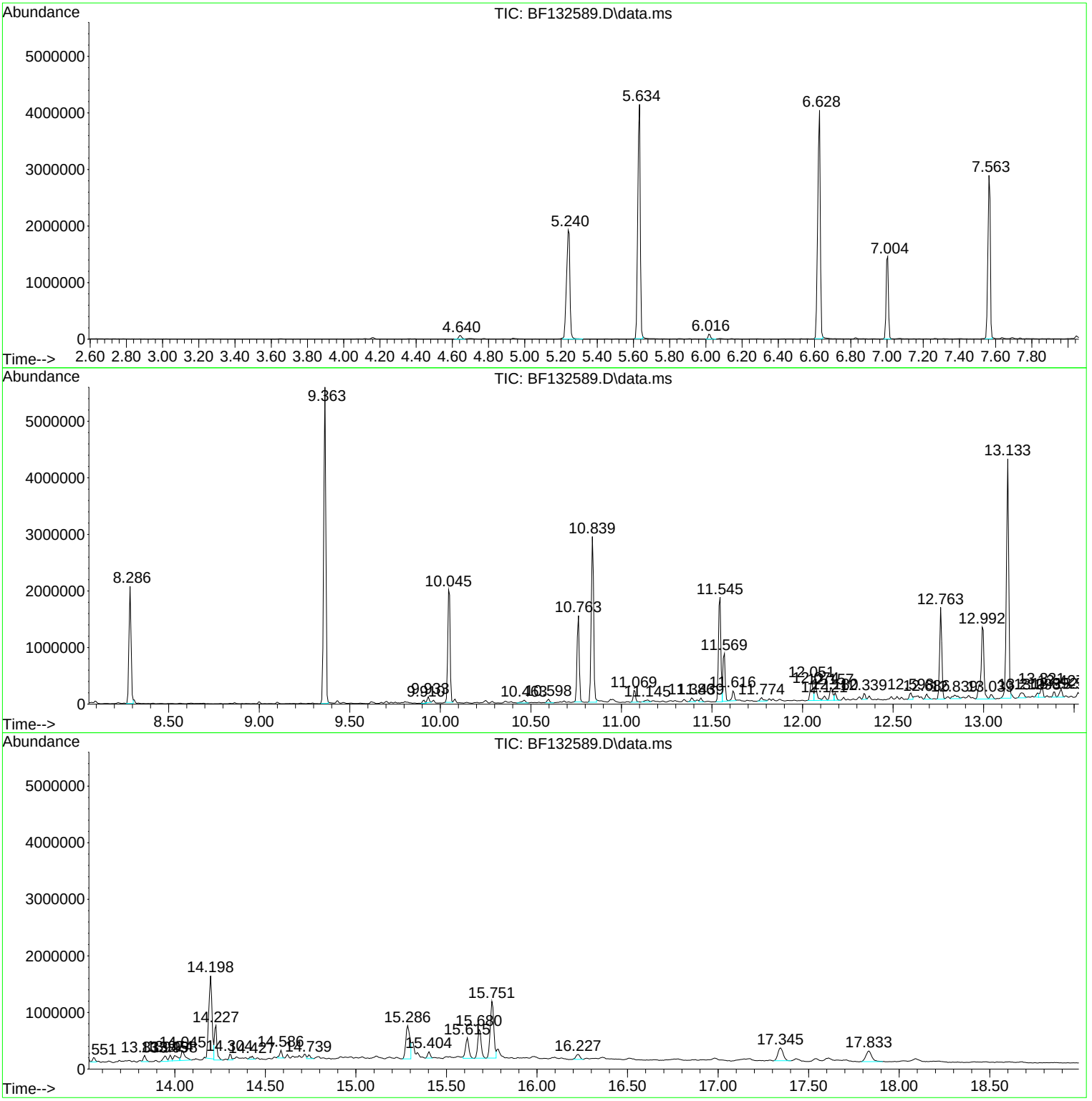
ClientSampleId :
RBR53-VNJ201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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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Data File : BF132589.D
Acq On : 01 Mar 2023 14:04
Operator : CG\JU
Sample : 01724-01
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Instrument :
BNA_F
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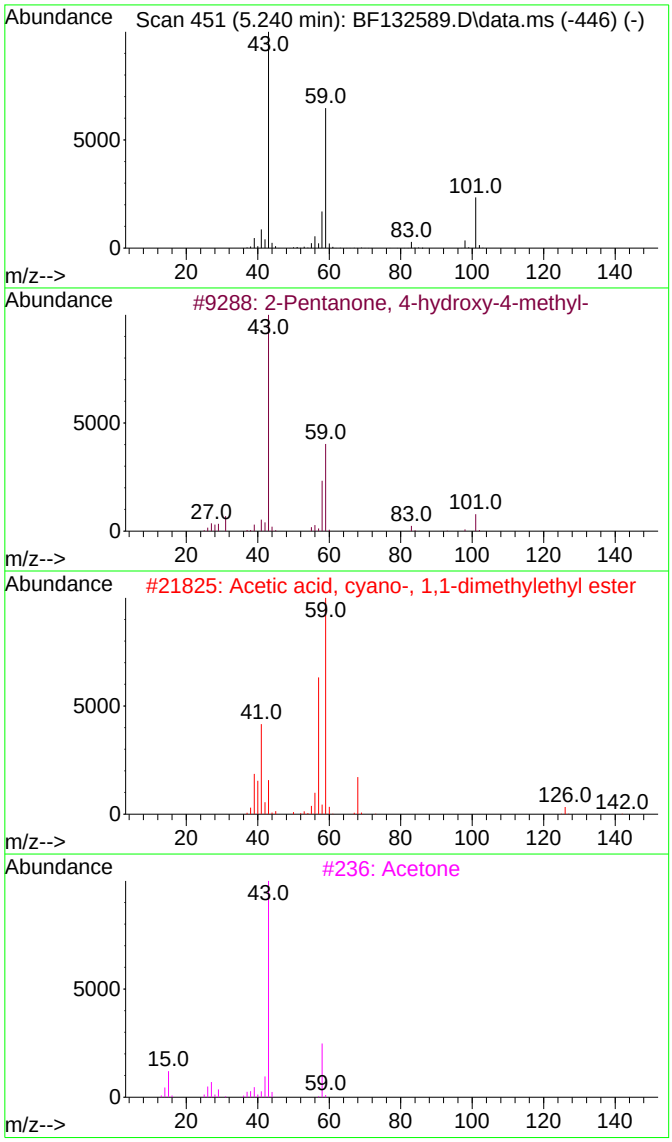
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

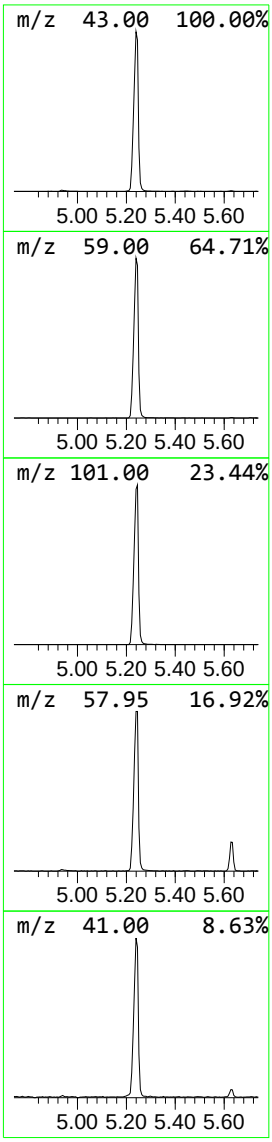
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.240	38.64 ng	2485150	1,4-Dichlorobenzene-d4	7.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132589.D
Acq On : 01 Mar 2023 14:04
Operator : CG\JU
Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR53-VNJ201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

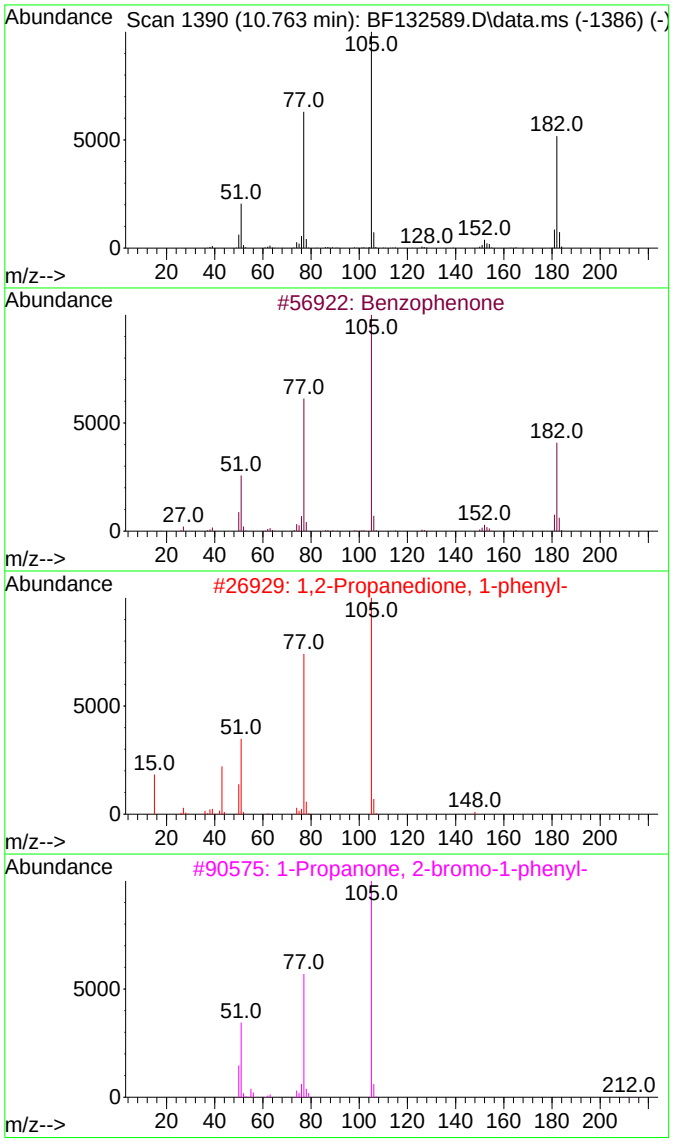
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

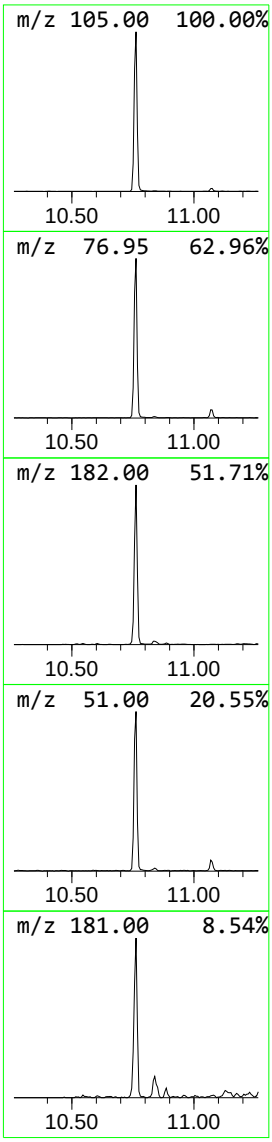
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	13.99 ng	1265470	Acenaphthene-d10	10.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5	N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132589.D
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Operator : CG\JU
Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR53-VNJ201

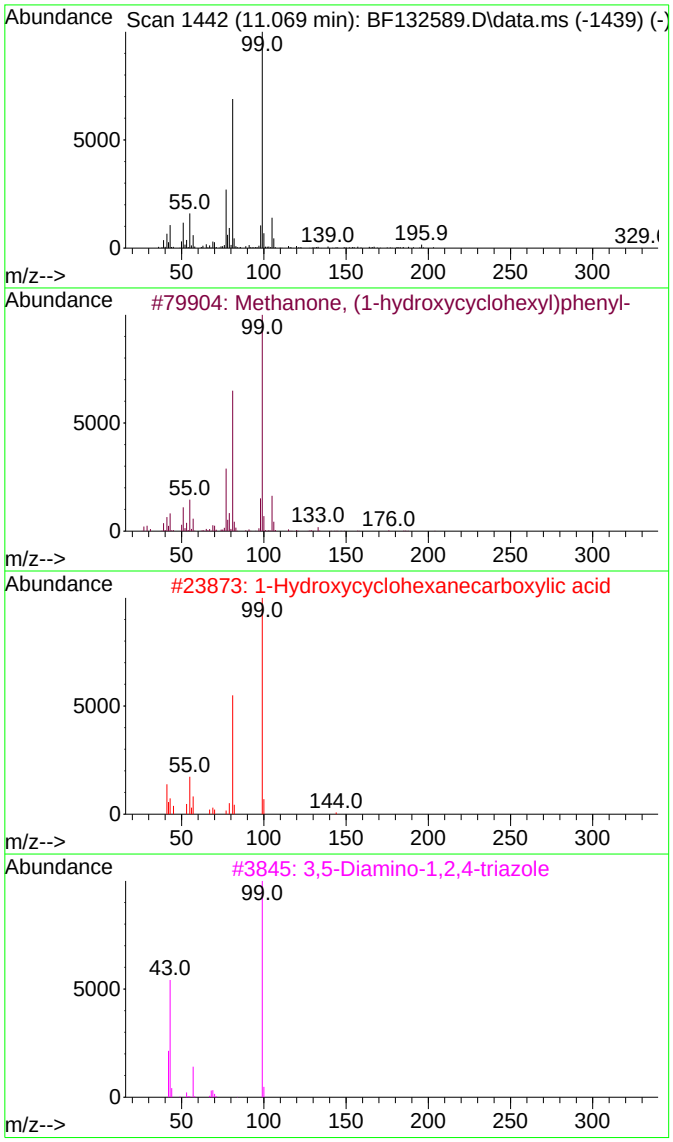
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

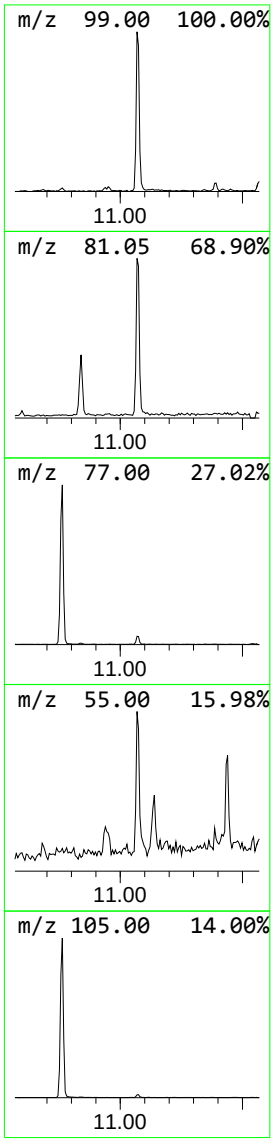
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methanone, (1-hydroxycycloh... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	2.18 ng	192016	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	90
2	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	40
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	38
4	4,4'-Bi-1,3,2-dioxaborolane, 2,2...	198	C8H16B2O4	058163-66-9	32
5	1,1'-Bicyclohexyl-1,1'-diol	198	C12H22O2	002888-11-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132589.D
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Operator : CG\JU
Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR53-VNJ201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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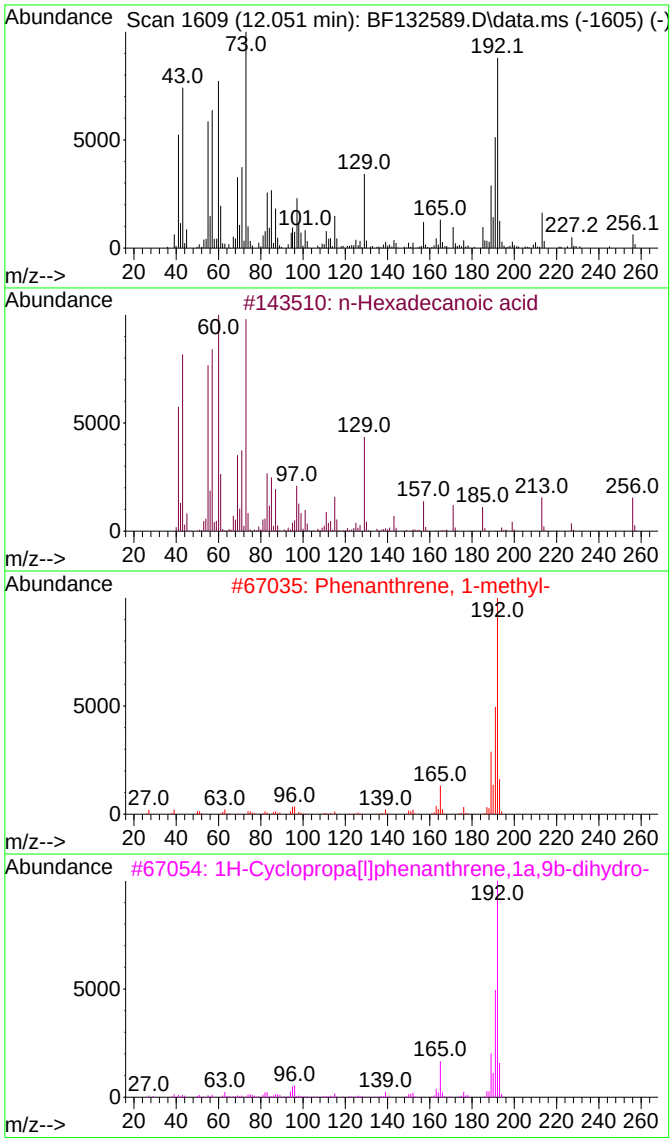
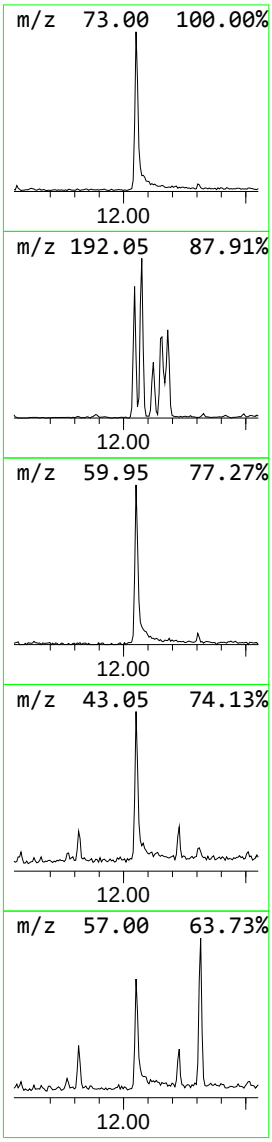
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	4.34 ng	382982	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Acq On : 01 Mar 2023 14:04
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Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR53-VNJ201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

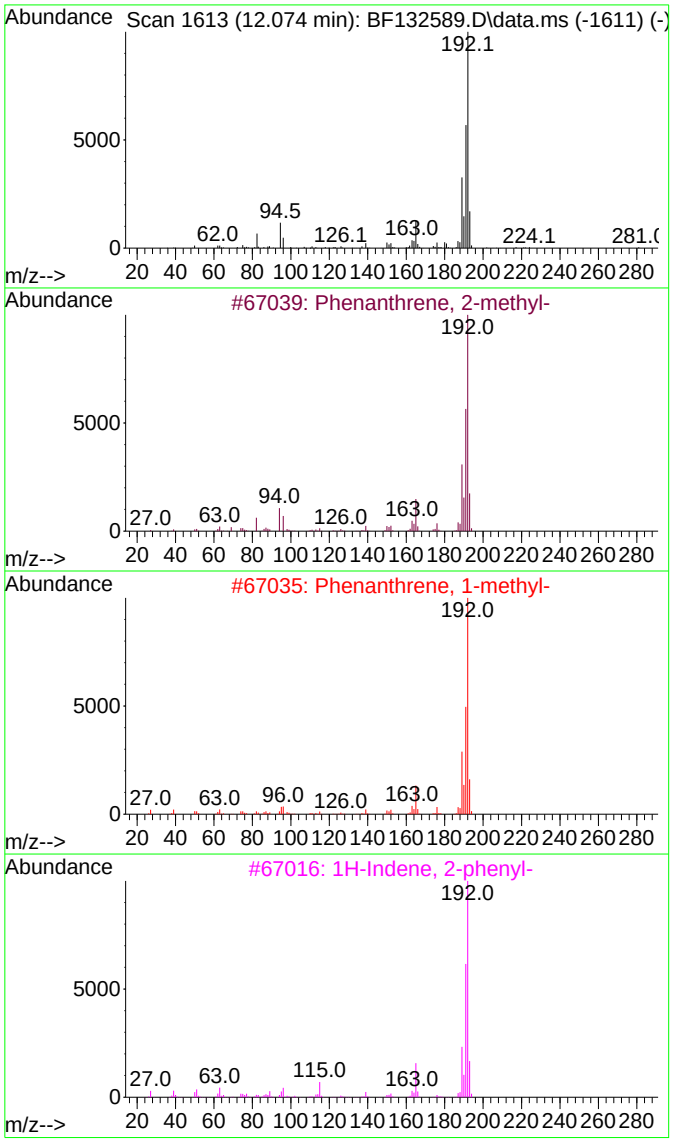
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

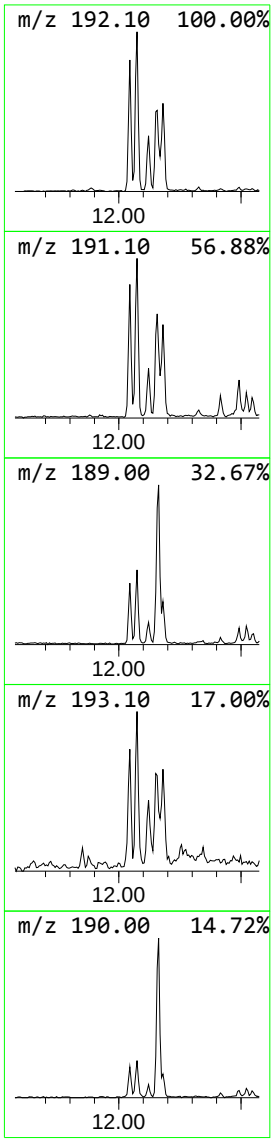
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	2.79 ng	246296	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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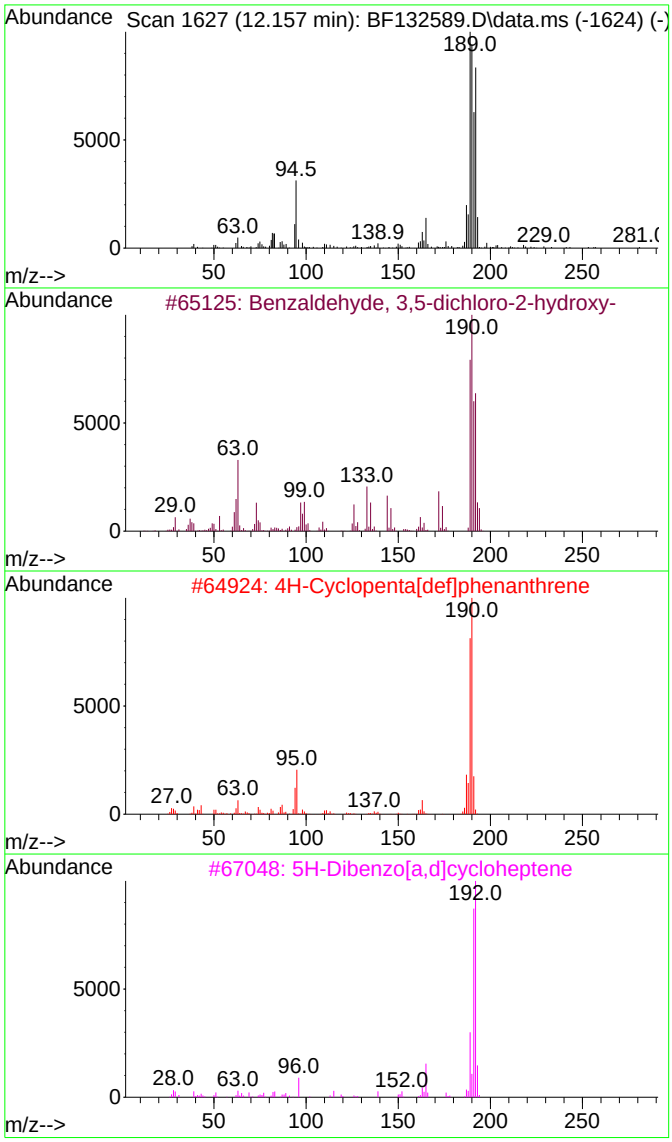
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

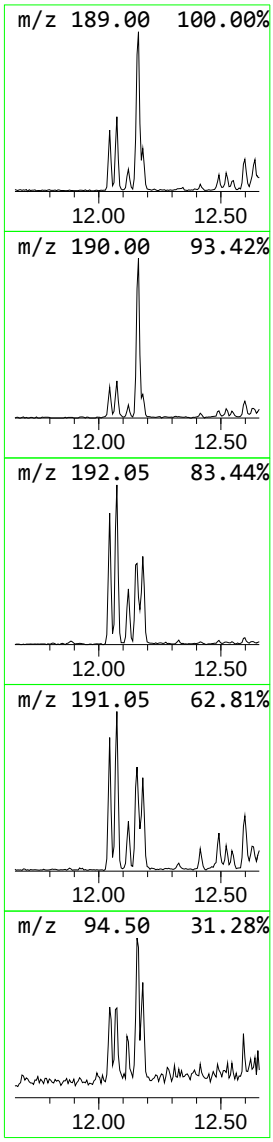
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	3.14 ng	277332	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132589.D
Acq On : 01 Mar 2023 14:04
Operator : CG\JU
Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR53-VNJ201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

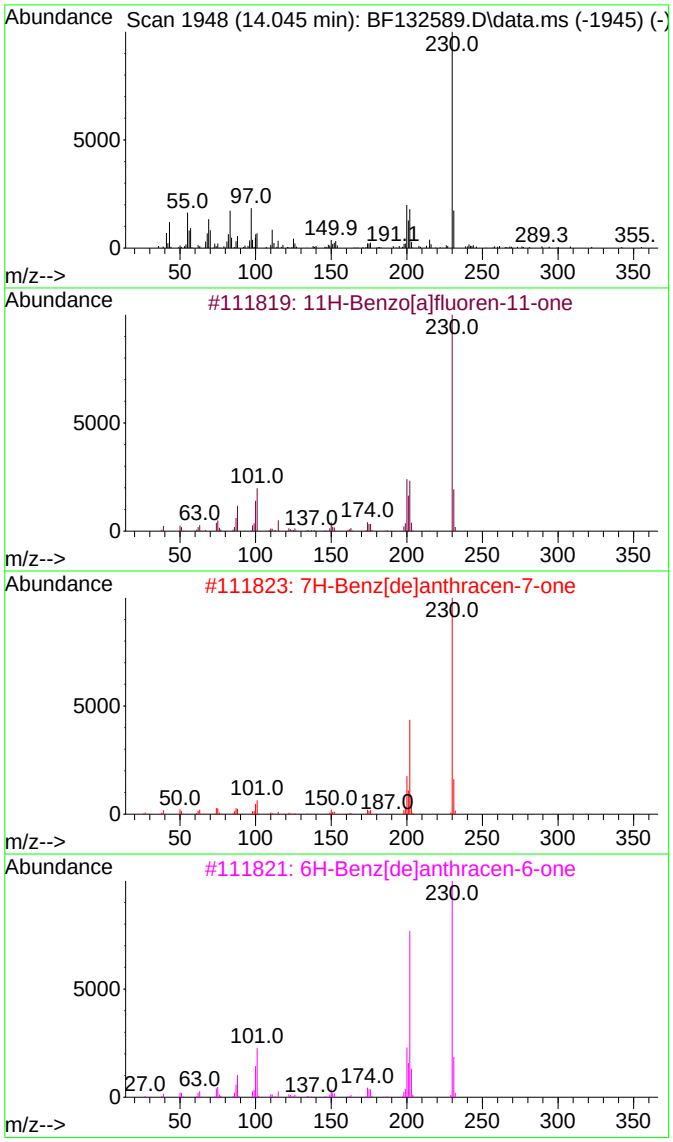
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

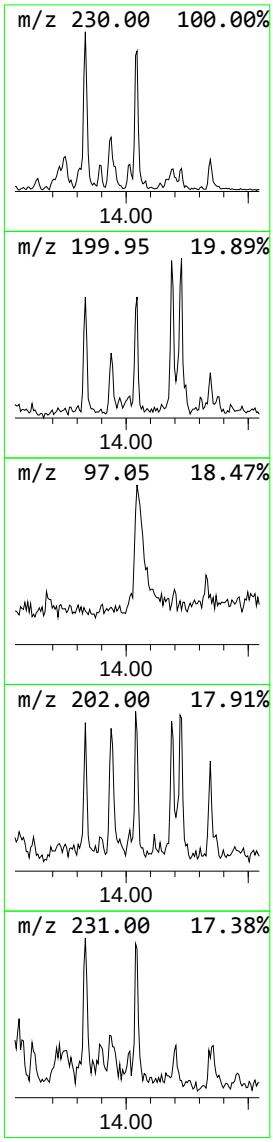
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.045	2.69 ng	252656	Chrysene-d12	14.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	p-Terphenyl	230	C18H14	000092-94-4	52
5	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132589.D
Acq On : 01 Mar 2023 14:04
Operator : CG\JU
Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR53-VNJ201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

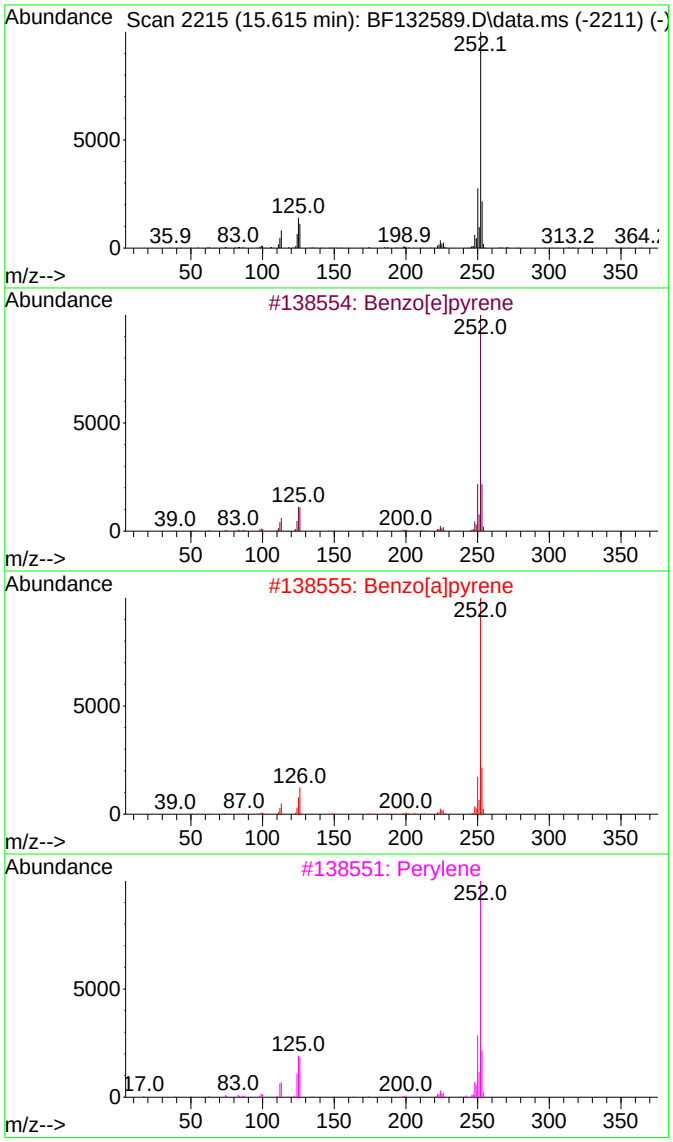
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

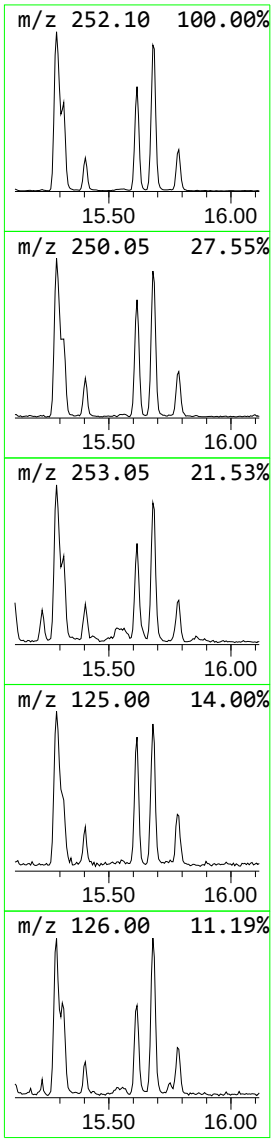
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.615	6.67 ng	459053	Perylene-d12	15.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132589.D
Acq On : 01 Mar 2023 14:04
Operator : CG\JU
Sample : 01724-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR53-VNJ201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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
2-Pentanone, 4-...	5.240	38.6	ng	2485150	1	7.004	1286280	20.0
Benzophenone	10.763	14.0	ng	1265470	3	10.045	1808640	20.0
Methanone, (1-h...	11.069	2.2	ng	192016	4	11.545	1764400	20.0
n-Hexadecanoic ...	12.051	4.3	ng	382982	4	11.545	1764400	20.0
Phenanthrene, 2...	12.074	2.8	ng	246296	4	11.545	1764400	20.0
Benzaldehyde, 3...	12.157	3.1	ng	277332	4	11.545	1764400	20.0
11H-Benzo[a]flu...	14.045	2.7	ng	252656	5	14.198	1881170	20.0
Benzo[e]pyrene	15.615	6.7	ng	459053	6	15.751	1377430	20.0