LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141729.D
Acq On : 21 Feb 2025 19:43
Operator : RC/JU
Sample : Q1398-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HANDHOLD

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141729.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.804	282	291	303	rBV	50153	87651	3.74%	0.420%
2	5.404	557	563	584	rBV	1424504	2046245	87.22%	9.804%
3	6.422	730	736	764	rBV	1495092	2144383	91.40%	10.274%
4	6.781	792	797	805	rBV	411960	539018	22.97%	2.583%
5	7.345	887	893	905	rBV	992978	1377125	58.70%	6.598%
6	7.610	930	938	951	rBV	23560	58279	2.48%	0.279%
7	8.063	1009	1015	1033	rBV	486136	712026	30.35%	3.411%
8	9.133	1192	1197	1207	rBV	1825209	2346200	100.00%	11.241%
9	9.210	1207	1210	1228	rVB3	11996	28527	1.22%	0.137%
10	9.810	1307	1312	1317	rBV	532035	701763	29.91%	3.362%
11	10.363	1401	1406	1411	rBV	18779	27102	1.16%	0.130%
12	10.522	1428	1433	1441	rVB	206189	273183	11.64%	1.309%
13	10.598	1441	1446	1460	rBV	847492	1219581	51.98%	5.843%
14	10.722	1462	1467	1474	rVB2	29830	56404	2.40%	0.270%
15	11.192	1544	1547	1553	rVB2	24373	34853	1.49%	0.167%
16	11.298	1560	1565	1567	rBV	440962	628230	26.78%	3.010%
17	11.374	1574	1578	1582	rVB	56682	74635	3.18%	0.358%
18	11.539	1602	1606	1611	rBV3	22289	40268	1.72%	0.193%
19	11.798	1646	1650	1651	rBV	32162	35405	1.51%	0.170%
20	11.827	1651	1655	1660	rVB	136373	189778	8.09%	0.909%
21	11.910	1665	1669	1678	rVB	78257	150035	6.39%	0.719%
22	12.345	1740	1743	1746	rBV	29856	37183	1.58%	0.178%
23	12.380	1746	1749	1755	rVB3	29634	43305	1.85%	0.207%
24	12.433	1755	1758	1764	rVB	44591	60301	2.57%	0.289%
25	12.510	1766	1771	1776	rBV	690898	883817	37.67%	4.235%
26	12.733	1803	1809	1815	rBV	596038	909156	38.75%	4.356%
27	12.786	1816	1818	1823	rVB2	31829	44500	1.90%	0.213%
28	12.880	1826	1834	1841	rBV	1482319	1969463	83.94%	9.436%
29	12.957	1842	1847	1854	rBV2	51638	96853	4.13%	0.464%
30	13.063	1858	1865	1869	rVB	85370	168085	7.16%	0.805%
31	13.133	1870	1877	1879	rBV2	47441	80059	3.41%	0.384%
32	13.168	1879	1883	1890	rVB3	67928	105404	4.49%	0.505%
33	13.263	1896	1899	1901	rBV2	24784	28817	1.23%	0.138%
34	13.292	1901	1904	1913	rVB3	33465	57934	2.47%	0.278%
35	13.451	1928	1931	1935	rBV4	18890	35867	1.53%	0.172%
36	13.574	1949	1952	1958	rVB	63373	86595	3.69%	0.415%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q1398-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HANDHOLD

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.686	1967	1971	1973	rBV	61775	88195	3.76%	0.423%
38	13.786	1984	1988	1995	rBV	48386	67937	2.90%	0.325%
39	13.927	2006	2012	2016	rBV2	627304	1155539	49.25%	5.536%
40	14.039	2028	2031	2035	rVB	50129	58672	2.50%	0.281%
41	14.321	2076	2079	2082	rVB	49388	57532	2.45%	0.276%
42	14.962	2183	2188	2196	rBV	301820	654927	27.91%	3.138%
43	15.068	2203	2206	2216	rVB	49015	77493	3.30%	0.371%
44	15.257	2233	2238	2243	rVB	129385	200447	8.54%	0.960%
45	15.315	2243	2248	2253	rVV	207657	307544	13.11%	1.473%
46	15.374	2253	2258	2273	rVB2	242229	499488	21.29%	2.393%
47	16.803	2495	2501	2509	rBV2	84964	175824	7.49%	0.842%
48	17.233	2569	2574	2588	rVB	62781	150064	6.40%	0.719%

Sum of corrected areas: 20871692

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Instrument :
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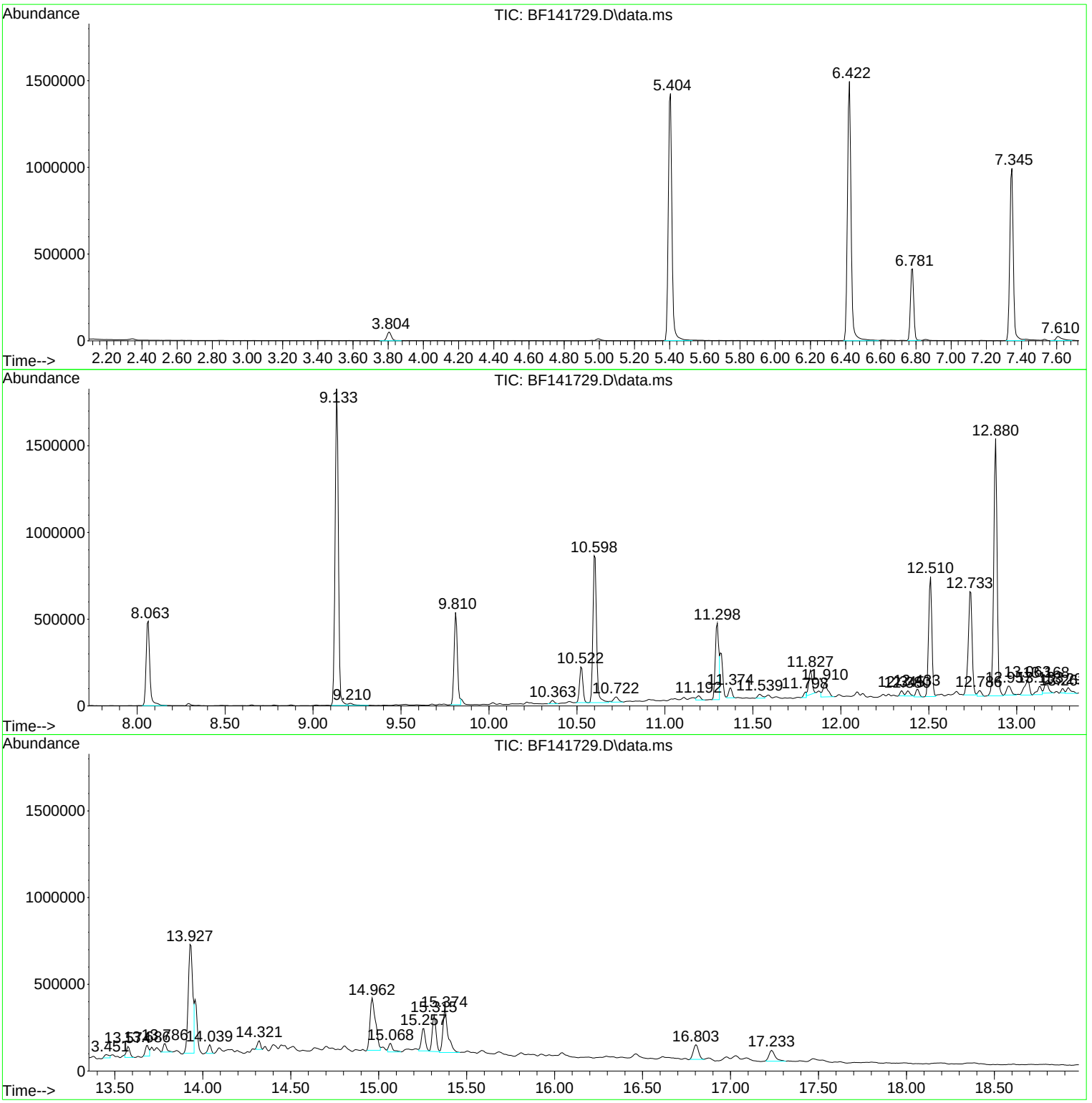
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141729.D
Acq On : 21 Feb 2025 19:43
Operator : RC/JU
Sample : Q1398-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HANDHOLD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

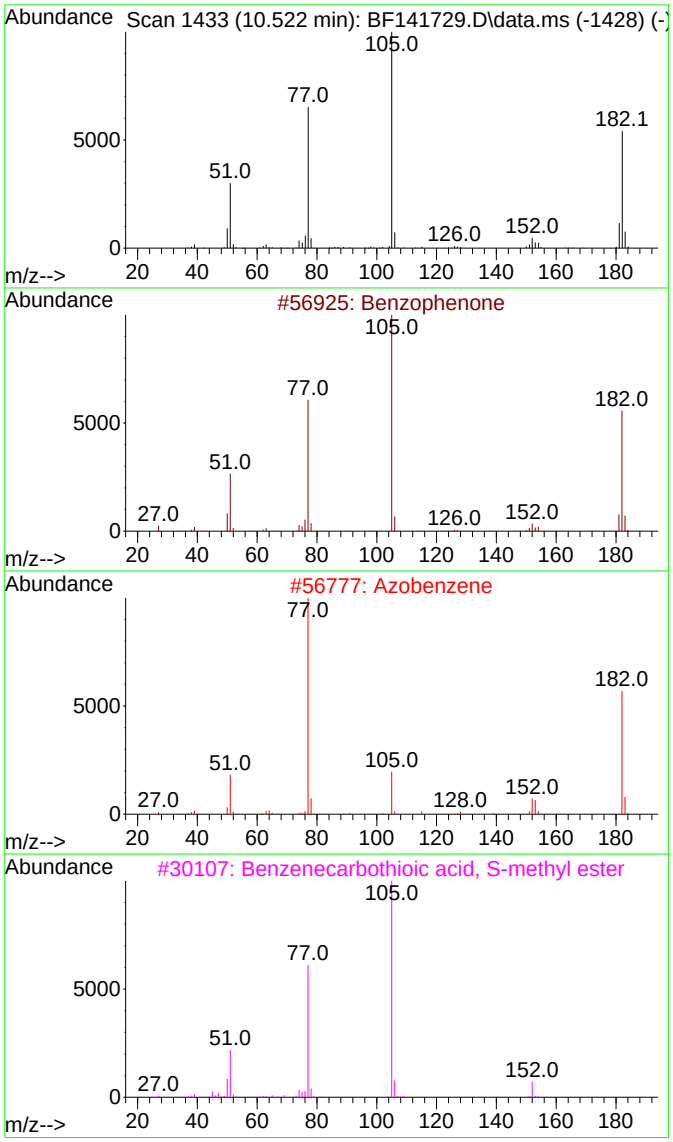
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

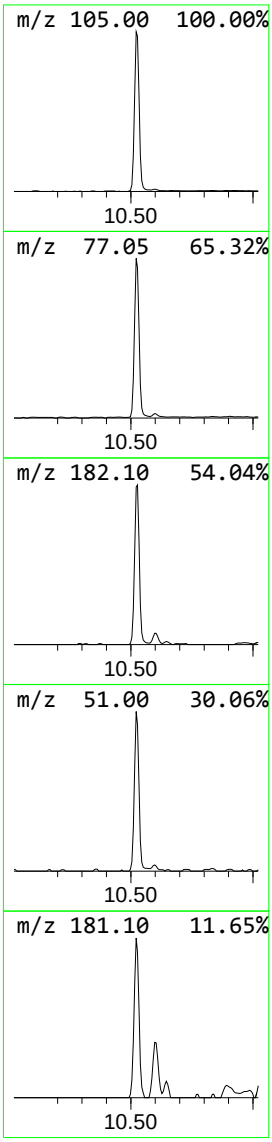
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	7.79 ng	273183	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	52
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
5	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141729.D
Acq On : 21 Feb 2025 19:43
Operator : RC/JU
Sample : Q1398-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HANDHOLD

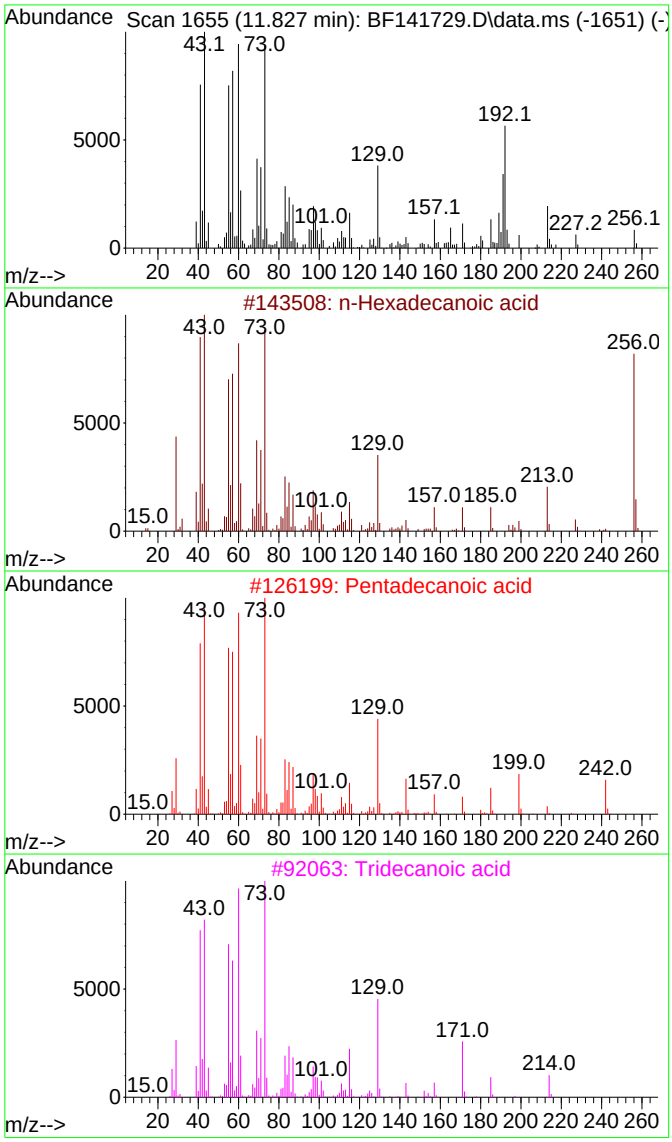
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

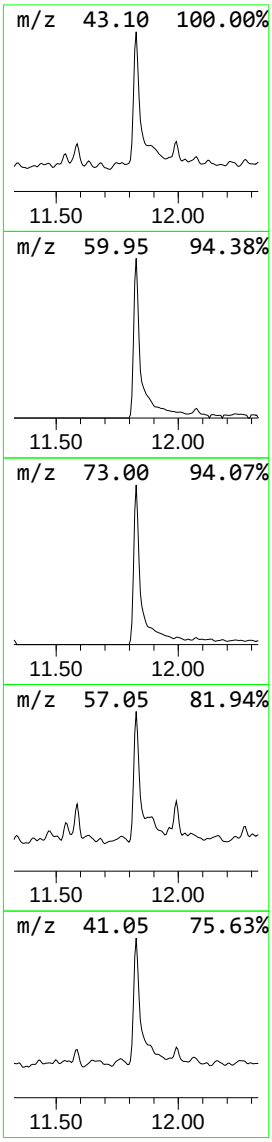
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	6.04 ng	189778	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141729.D
Acq On : 21 Feb 2025 19:43
Operator : RC/JU
Sample : Q1398-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HANDHOLD

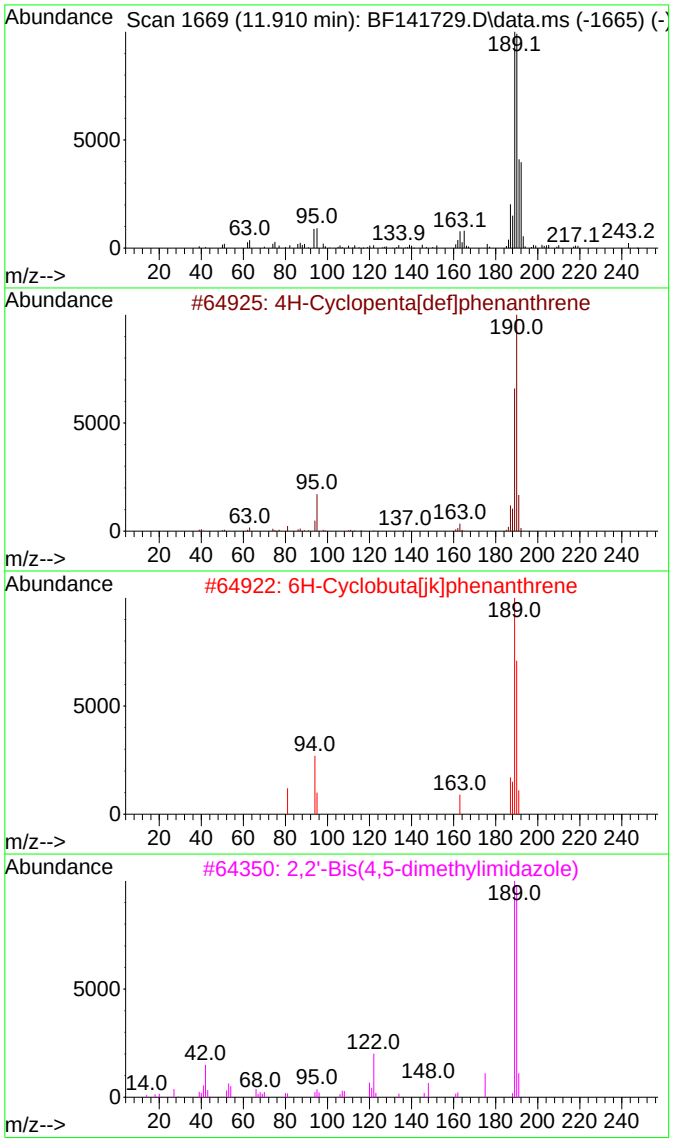
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

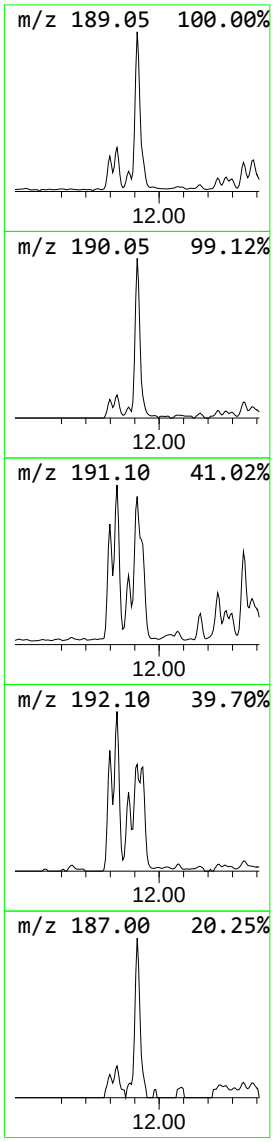
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	4.78 ng	150035	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	46
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141729.D
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Operator : RC/JU
Sample : Q1398-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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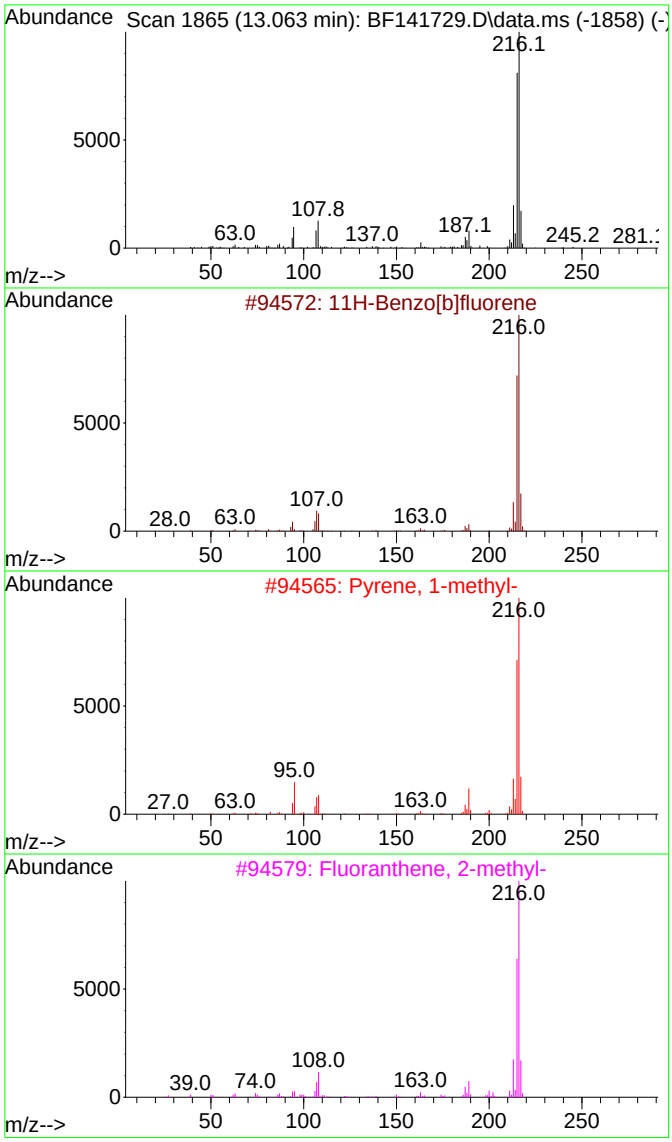
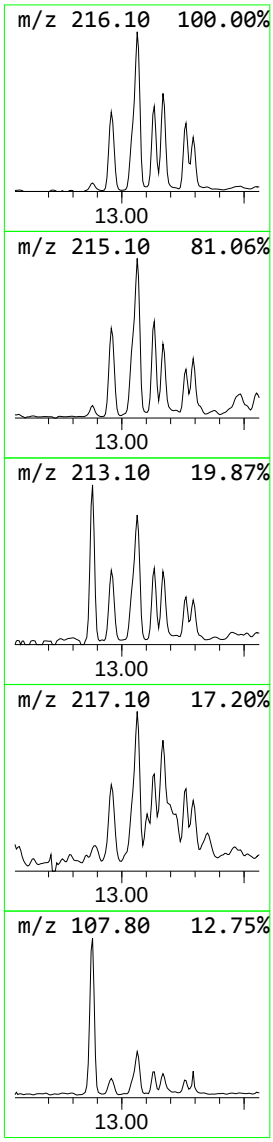
Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.91 ng	168085	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Operator : RC/JU
Sample : Q1398-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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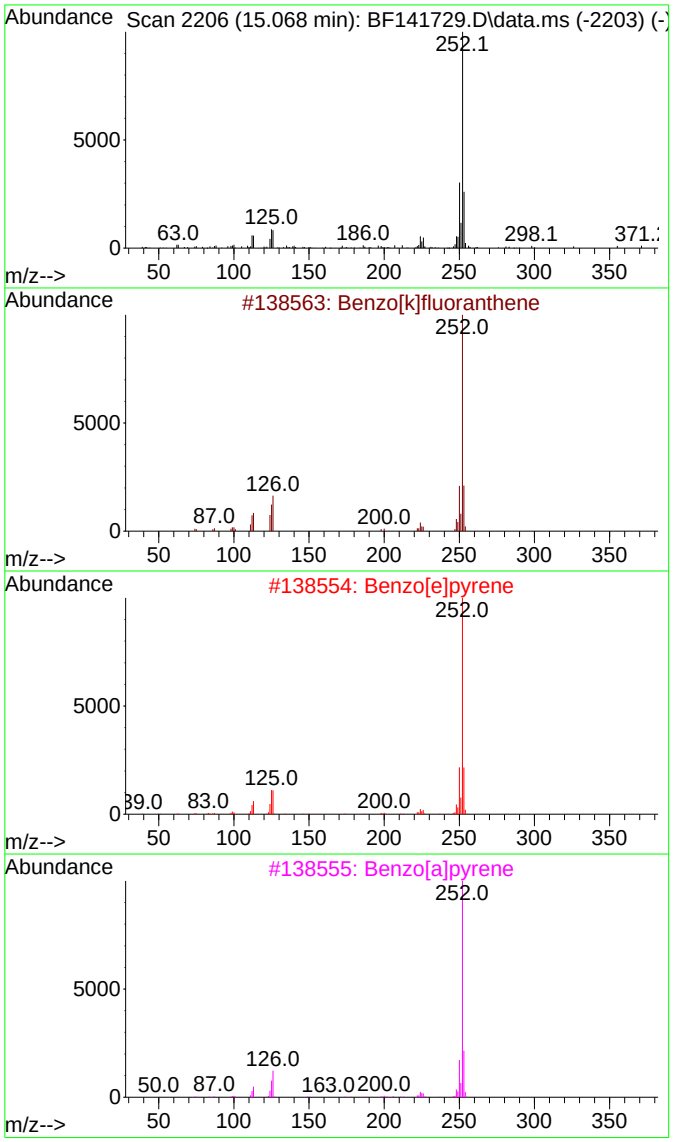
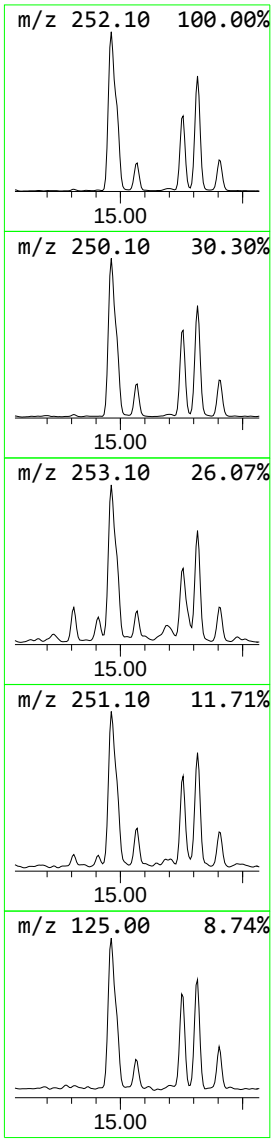
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.068	3.10 ng	77493	Perylene-d12	15.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	86





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Operator : RC/JU
Sample : Q1398-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HANDHOLD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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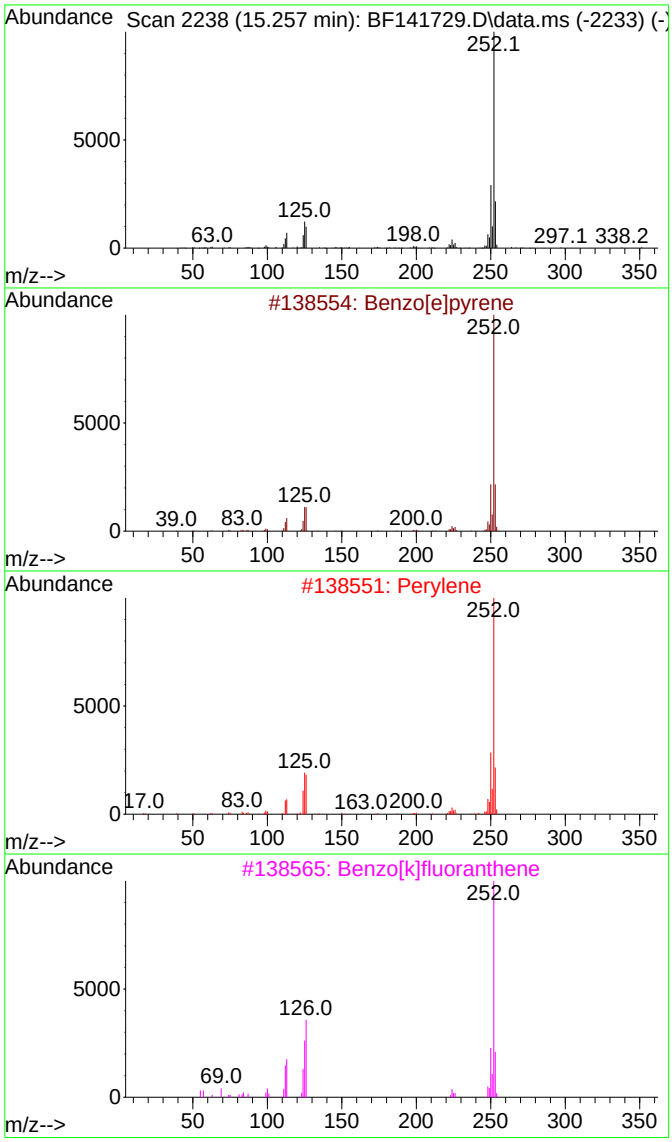
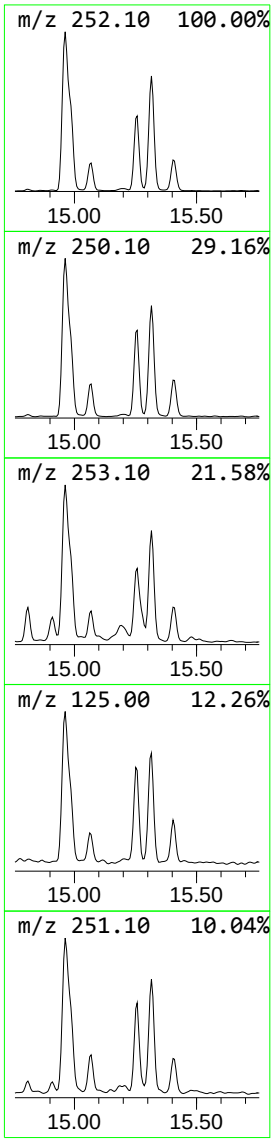
Peak Number 7 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	8.03 ng	200447	Perylene-d12	15.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

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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	10.522	7.8	ng	273183	3	9.810	701763	20.0
n-Hexadecanoic ...	11.827	6.0	ng	189778	4	11.298	628230	20.0
4H-Cyclopenta[d...	11.910	4.8	ng	150035	4	11.298	628230	20.0
11H-Benzo[b]flu...	13.063	2.9	ng	168085	5	13.933	1155540	20.0
Benzo[e]pyrene	15.068	3.1	ng	77493	6	15.374	499488	20.0
Perylene	15.257	8.0	ng	200447	6	15.374	499488	20.0