LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132030.D
Acq On : 11 Jan 2023 19:01
Operator : CG\JU
Sample : 01080-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(10-12)

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-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132030.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	487	492	503	rVB	484130	623700	28.61%	3.506%
2	5.399	559	563	579	rBV	1729557	1565064	71.78%	8.797%
3	6.422	733	737	755	rBV	1720140	1852195	84.95%	10.411%
4	6.775	794	797	801	rBV	625746	543066	24.91%	3.053%
5	7.351	889	895	898	rBV	1318719	1241957	56.96%	6.981%
6	8.069	1011	1017	1020	rBV	843493	722353	33.13%	4.060%
7	9.151	1194	1201	1204	rBV	2400020	2180229	100.00%	12.255%
8	9.828	1310	1316	1319	rBV	1029417	838589	38.46%	4.714%
9	9.857	1319	1321	1325	rVB	26700	24597	1.13%	0.138%
10	10.034	1345	1351	1355	rBV2	25652	27768	1.27%	0.156%
11	10.545	1432	1438	1442	rVB	192183	157149	7.21%	0.883%
12	10.622	1447	1451	1455	rBV	1224187	1015808	46.59%	5.710%
13	10.739	1467	1471	1479	rVB7	19845	33820	1.55%	0.190%
14	11.133	1534	1538	1540	rVV	25208	23458	1.08%	0.132%
15	11.181	1540	1546	1548	rVV5	15994	28127	1.29%	0.158%
16	11.216	1548	1552	1557	rVB2	27260	35225	1.62%	0.198%
17	11.322	1566	1570	1572	rBV	981147	784756	35.99%	4.411%
18	11.345	1572	1574	1577	rVV	342052	253688	11.64%	1.426%
19	11.392	1578	1582	1585	rVV	71756	74606	3.42%	0.419%
20	11.563	1606	1611	1616	rBV3	23680	40604	1.86%	0.228%
21	11.651	1624	1626	1631	rVB2	26270	29360	1.35%	0.165%
22	11.822	1652	1655	1658	rBV	67602	63968	2.93%	0.360%
23	11.851	1658	1660	1664	rVB	113109	94374	4.33%	0.530%
24	11.898	1664	1668	1671	rBV2	29491	32291	1.48%	0.182%
25	11.933	1671	1674	1677	rVV2	102371	114793	5.27%	0.645%
26	11.957	1677	1678	1682	rVB	63285	40816	1.87%	0.229%
27	12.016	1685	1688	1693	rBV5	15952	24636	1.13%	0.138%
28	12.122	1703	1706	1709	rBV	46133	41144	1.89%	0.231%
29	12.151	1709	1711	1716	rVB2	30086	31928	1.46%	0.179%
30	12.375	1746	1749	1752	rBV	77012	77975	3.58%	0.438%
31	12.410	1752	1755	1758	rVV3	48034	64779	2.97%	0.364%
32	12.469	1761	1765	1770	rVV3	45462	61570	2.82%	0.346%
33	12.539	1773	1777	1780	rBV	483020	403640	18.51%	2.269%
34	12.692	1799	1803	1806	rVV2	21782	23491	1.08%	0.132%
35	12.769	1810	1816	1822	rBV	505654	493362	22.63%	2.773%
36	12.822	1822	1825	1828	rVB2	31626	37684	1.73%	0.212%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132030.D
Acq On : 11 Jan 2023 19:01
Operator : CG\JU
Sample : 01080-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(10-12)

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-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.916	1833	1841	1844	rBV	1584365	1431929	65.68%	8.049%
38	12.986	1849	1853	1859	rBV4	46015	70544	3.24%	0.397%
39	13.074	1865	1868	1870	rBV3	36969	49307	2.26%	0.277%
40	13.139	1875	1879	1881	rBV3	24223	30226	1.39%	0.170%
41	13.204	1886	1890	1893	rBV2	59736	58178	2.67%	0.327%
42	13.298	1903	1906	1908	rVB	40417	32995	1.51%	0.185%
43	13.327	1908	1911	1914	rBV	42351	37294	1.71%	0.210%
44	13.480	1934	1937	1940	rBV3	20406	29216	1.34%	0.164%
45	13.610	1956	1959	1963	rVB	40480	43499	2.00%	0.245%
46	13.722	1974	1978	1980	rBV	44409	42543	1.95%	0.239%
47	13.774	1985	1987	1991	rVV2	20803	29284	1.34%	0.165%
48	13.822	1991	1995	2004	rVB2	106374	171708	7.88%	0.965%
49	13.974	2013	2021	2023	rBV2	484759	636252	29.18%	3.576%
50	13.998	2023	2025	2028	rVB	171102	137265	6.30%	0.772%
51	14.127	2045	2047	2054	rBV7	22633	34982	1.60%	0.197%
52	14.363	2082	2087	2090	rBV	51037	54126	2.48%	0.304%
53	14.433	2096	2099	2102	rBV4	26817	35744	1.64%	0.201%
54	14.810	2161	2163	2167	rVB	29913	29656	1.36%	0.167%
55	15.016	2193	2198	2201	rBV2	141055	215287	9.87%	1.210%
56	15.121	2213	2216	2220	rBV	25750	28546	1.31%	0.160%
57	15.316	2245	2249	2255	rVB	90899	120246	5.52%	0.676%
58	15.374	2255	2259	2264	rVB	137492	160189	7.35%	0.900%
59	15.439	2265	2270	2274	rBV	344706	426770	19.57%	2.399%
60	16.898	2512	2518	2524	rBV2	57580	102948	4.72%	0.579%
61	17.333	2587	2592	2599	rVB2	41434	78642	3.61%	0.442%

Sum of corrected areas: 17789946

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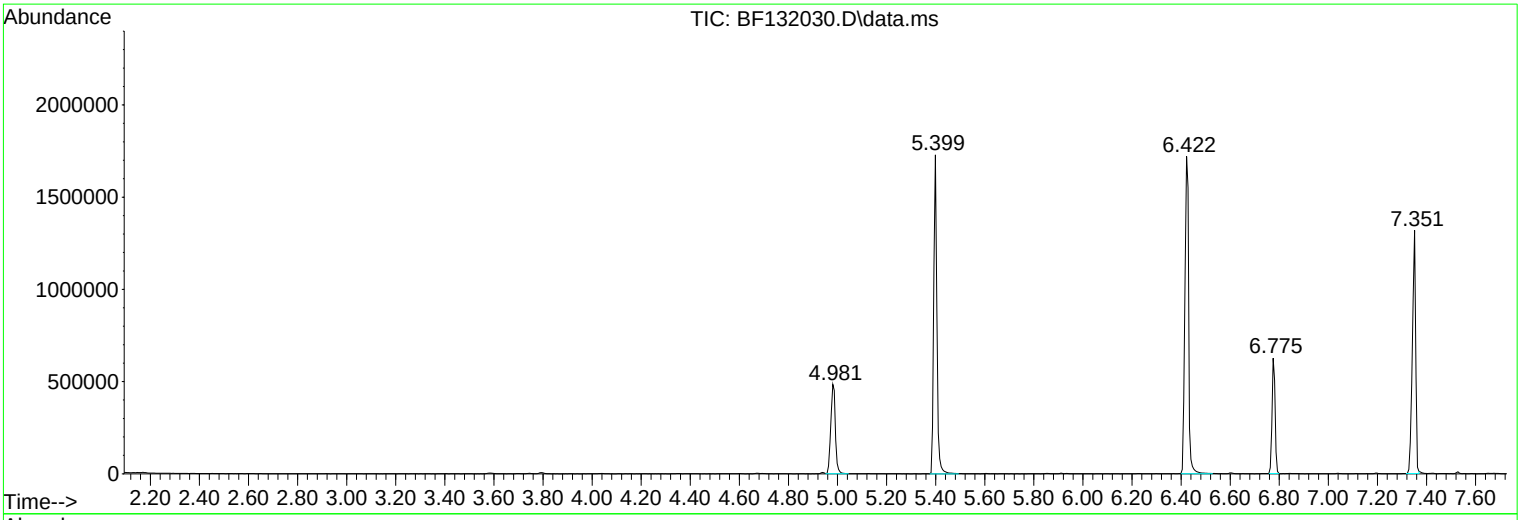
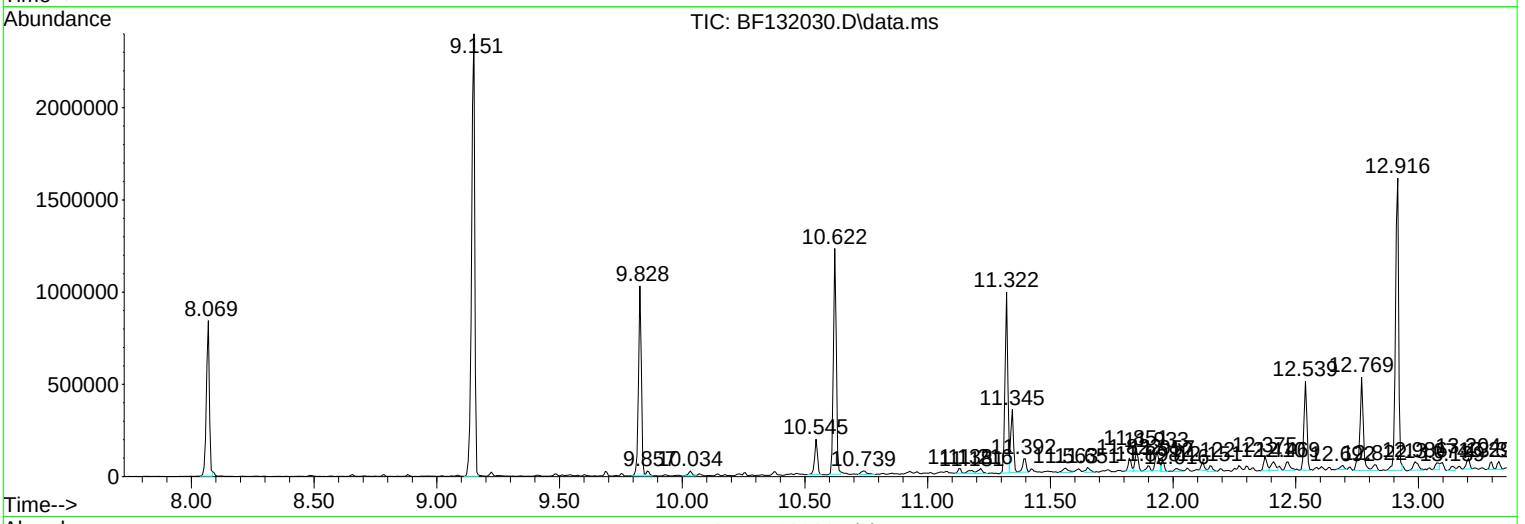
Sample : 01080-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

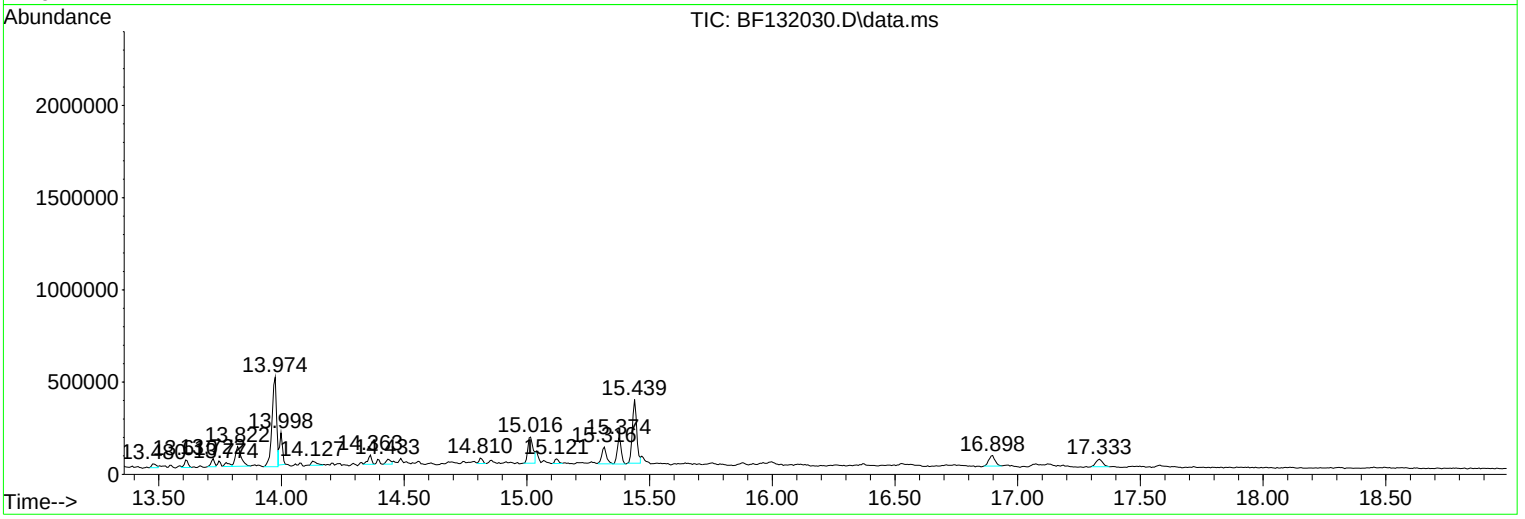
Instrument :
BNA_F
ClientSampleId :
B-3-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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\BF011123\
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Acq On : 11 Jan 2023 19:01
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BNA_F
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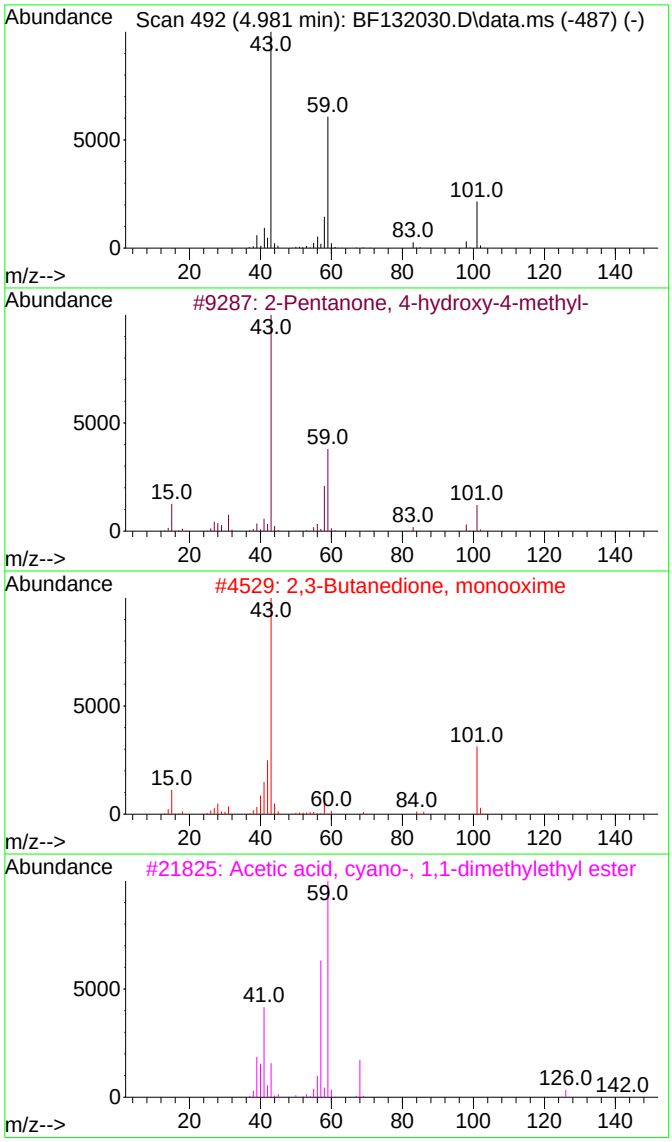
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

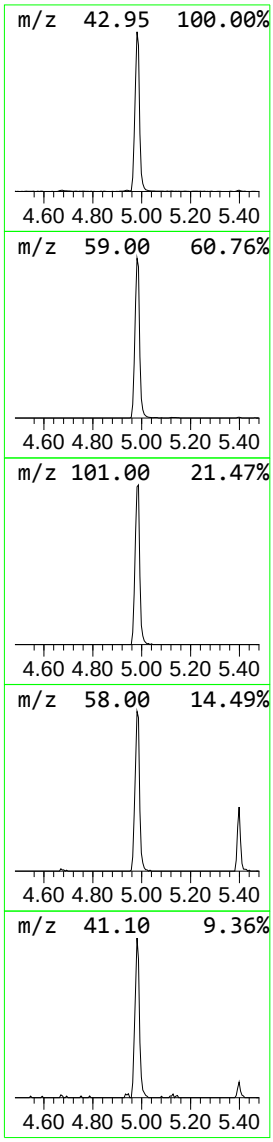
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	22.97 ng	623700	1,4-Dichlorobenzene-d4	6.775

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\BF011123\
Data File : BF132030.D
Acq On : 11 Jan 2023 19:01
Operator : CG\JU
Sample : 01080-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

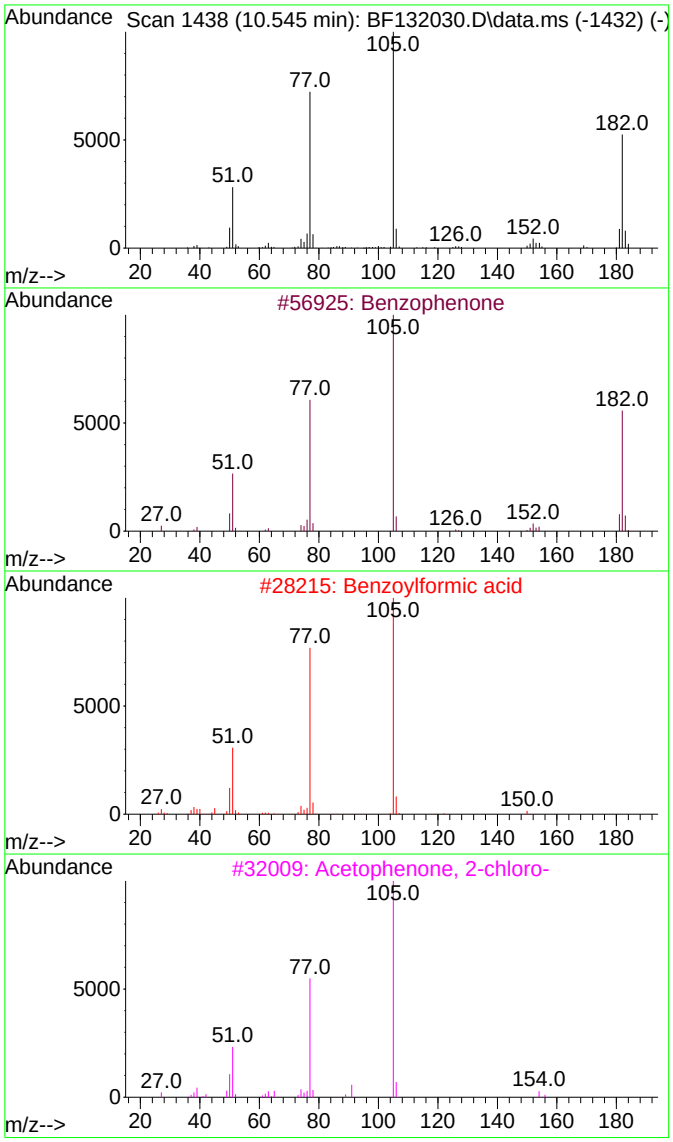
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

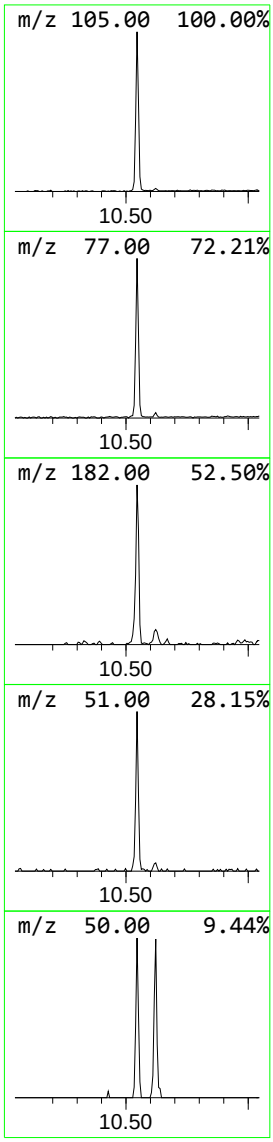
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	3.75 ng	157149	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoylformic acid	150	C8H6O3	000611-73-4	53
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132030.D
Acq On : 11 Jan 2023 19:01
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Sample : 01080-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

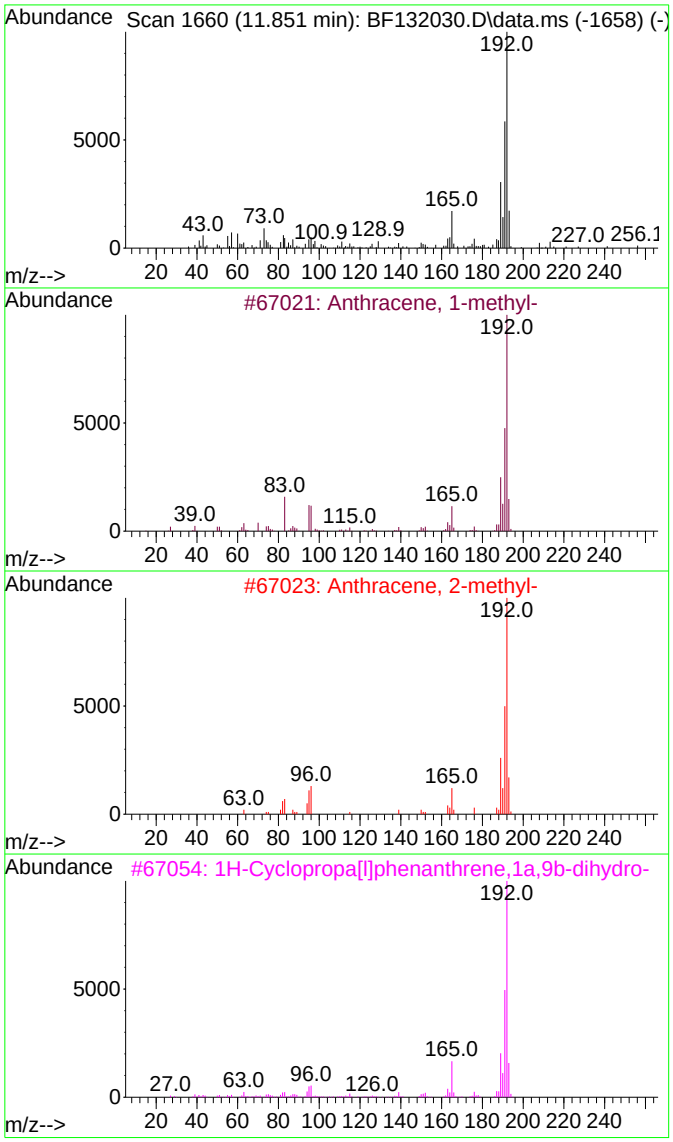
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

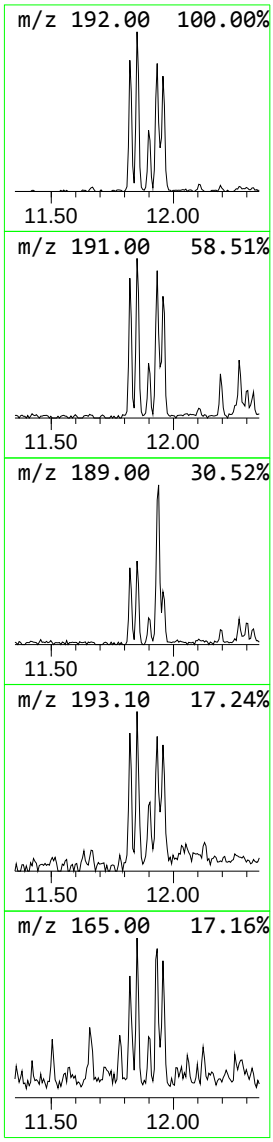
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	2.41 ng	94374	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
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Operator : CG\JU
Sample : 01080-04
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Instrument :
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B-3-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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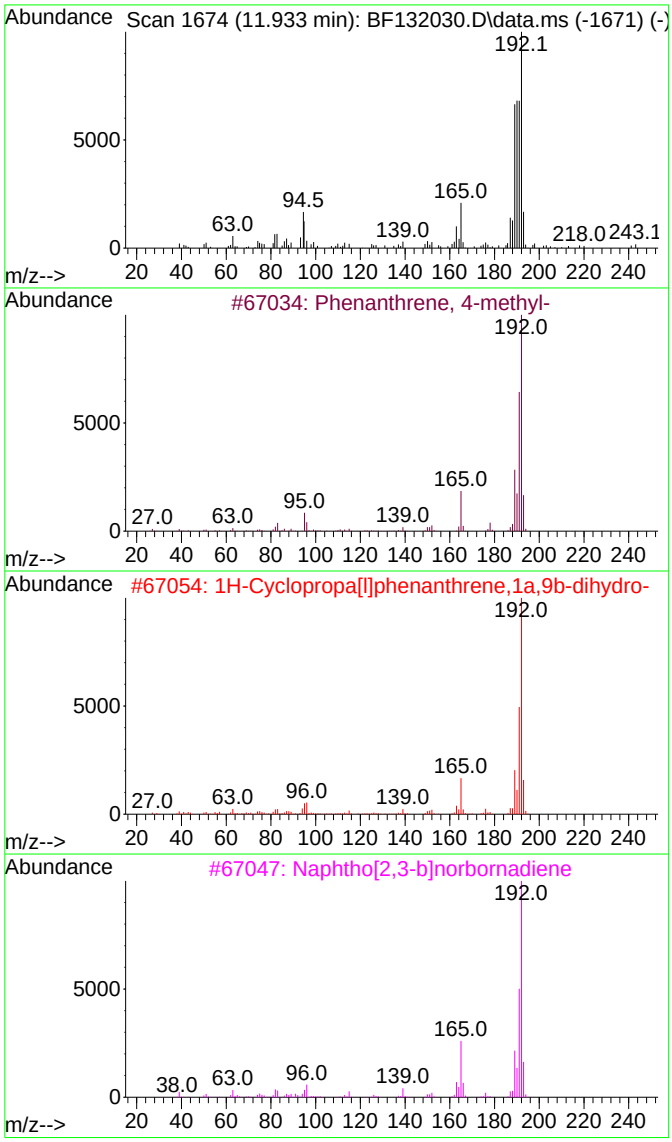
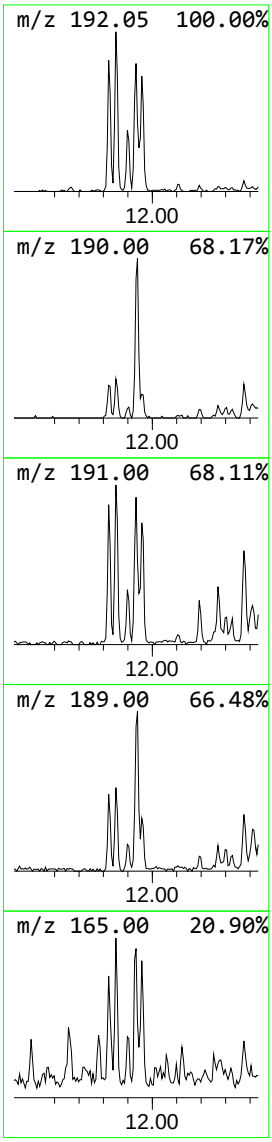
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.93 ng	114793	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132030.D
Acq On : 11 Jan 2023 19:01
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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
ClientSampleId :
B-3-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

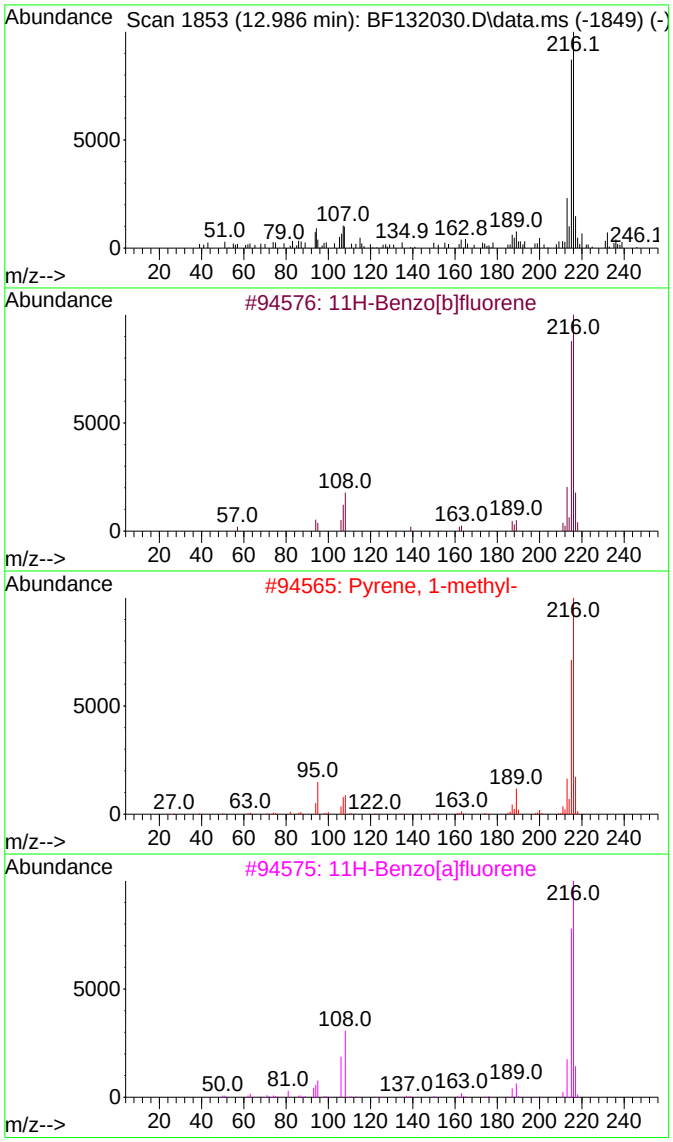
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

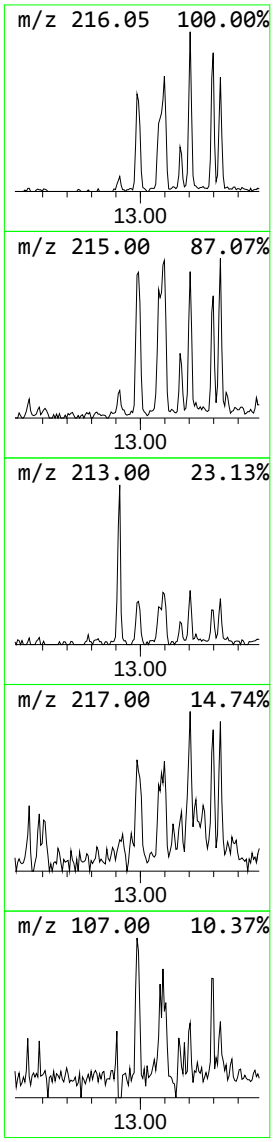
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	2.22 ng	70544	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





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Data File : BF132030.D
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Sample : 01080-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

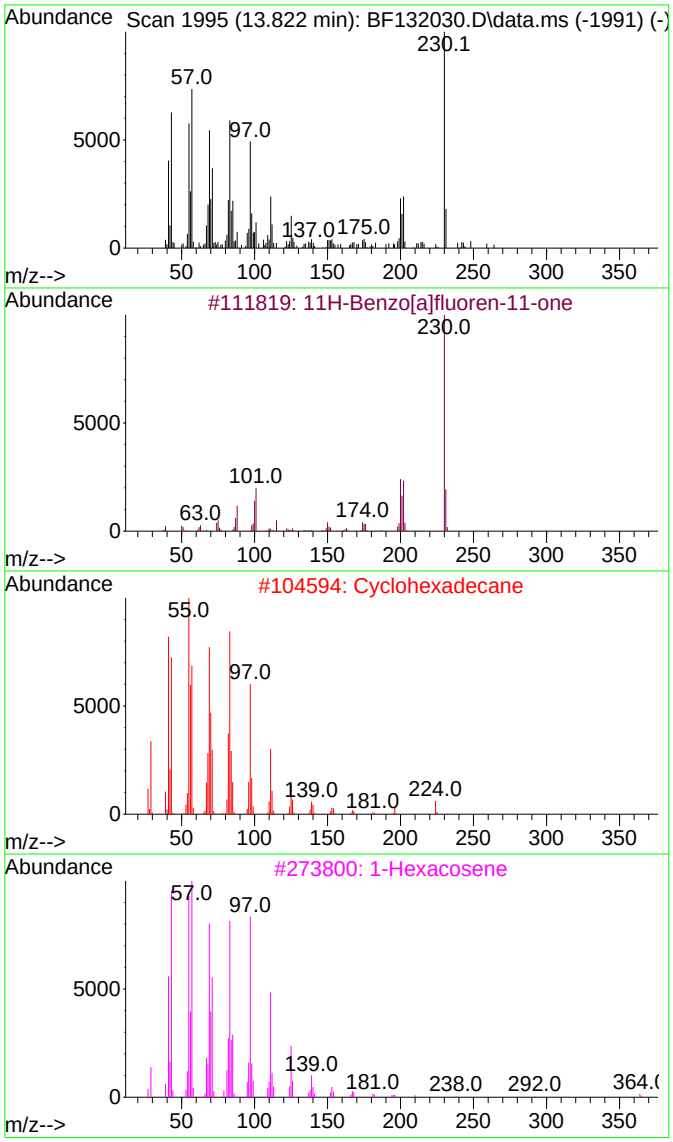
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

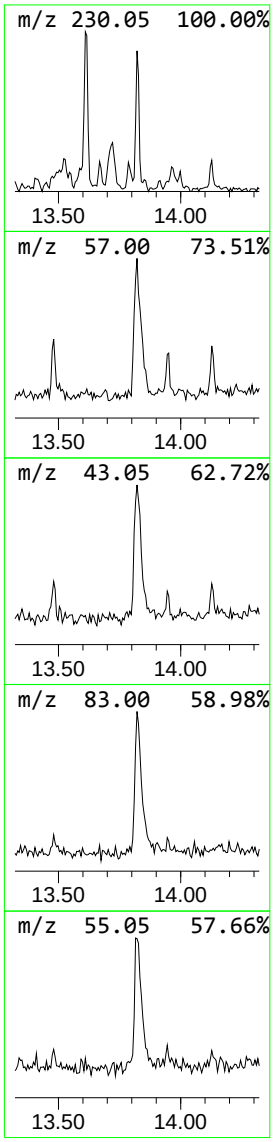
****

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	5.40 ng	171708	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	Cyclohexadecane	224	C16H32	000295-65-8	86
3	1-Hexacosene	364	C26H52	018835-33-1	52
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	46
5	1-Heneicosanol	312	C21H44O	015594-90-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132030.D
Acq On : 11 Jan 2023 19:01
Operator : CG\JU
Sample : 01080-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

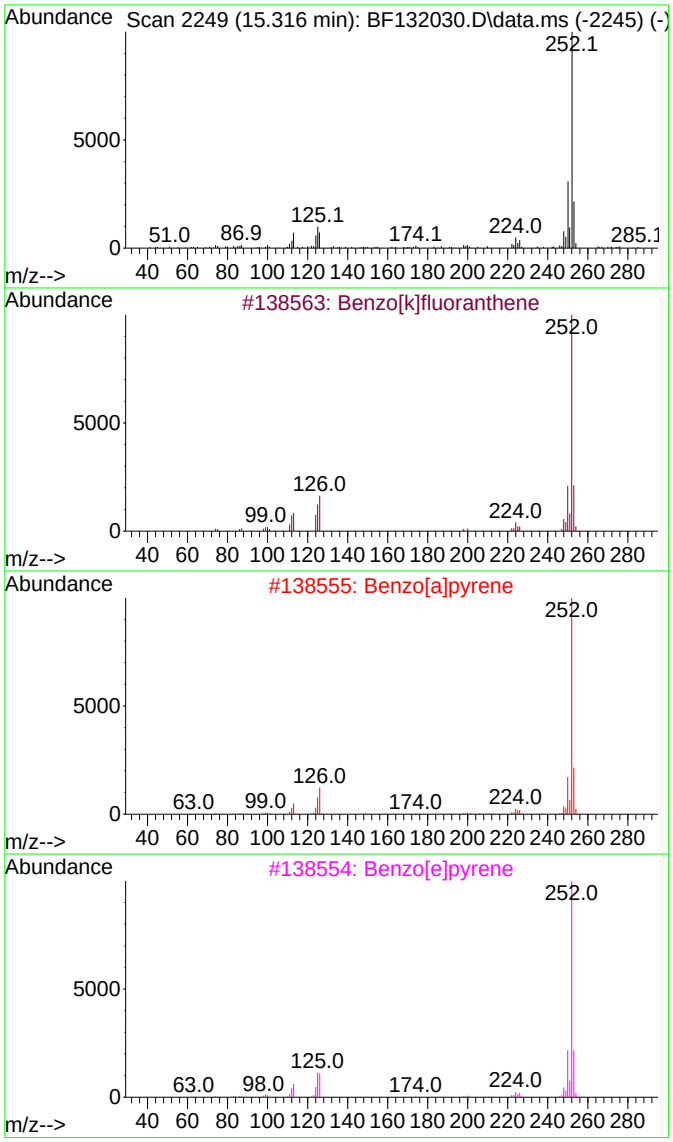
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

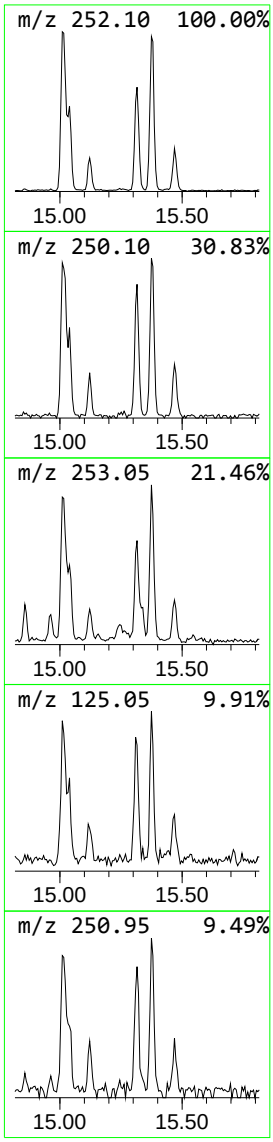
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	5.64 ng	120246	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132030.D
Acq On : 11 Jan 2023 19:01
Operator : CG\JU
Sample : 01080-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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-...	4.981	23.0	ng	623700	1	6.775	543066	20.0
Benzophenone	10.545	3.8	ng	157149	3	9.828	838589	20.0
Anthracene, 1-m...	11.851	2.4	ng	94374	4	11.322	784756	20.0
Phenanthrene, 4...	11.933	2.9	ng	114793	4	11.322	784756	20.0
11H-Benzo[b]flu...	12.986	2.2	ng	70544	5	13.974	636252	20.0
11H-Benzo[a]flu...	13.822	5.4	ng	171708	5	13.974	636252	20.0
Benzo[e]pyrene	15.316	5.6	ng	120246	6	15.439	426770	20.0