LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133252.D
Acq On : 05 May 2023 02:15
Operator : CG\JU
Sample : 02588-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-0-3-05022023

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133252.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.705	269	275	281	rVB	67197	93607	2.42%	0.257%
2	4.263	366	370	377	rBV	68176	84674	2.19%	0.232%
3	4.916	474	481	490	rVB	199310	267519	6.91%	0.733%
4	5.334	548	552	555	rBV	3745809	3551613	91.78%	9.735%
5	6.363	722	727	730	rBV	3684962	3760828	97.18%	10.309%
6	6.722	785	788	792	rBV	1386872	1235844	31.94%	3.387%
7	7.293	880	885	887	rBV	2601249	2433556	62.89%	6.670%
8	8.010	1003	1007	1010	rBV	2130596	1673305	43.24%	4.587%
9	9.087	1186	1190	1193	rBV	4773867	3869851	100.00%	10.607%
10	9.169	1200	1204	1209	rBV2	53999	58615	1.51%	0.161%
11	9.698	1292	1294	1299	rVB	59648	50761	1.31%	0.139%
12	9.757	1301	1304	1308	rVV	1868344	1669086	43.13%	4.575%
13	9.792	1308	1310	1313	rVB	142983	104390	2.70%	0.286%
14	9.963	1336	1339	1342	rVB	86622	66063	1.71%	0.181%
15	10.198	1376	1379	1384	rVB2	68697	55141	1.42%	0.151%
16	10.304	1394	1397	1400	rBV	125549	103255	2.67%	0.283%
17	10.469	1421	1425	1429	rVB	379199	313262	8.09%	0.859%
18	10.545	1434	1438	1443	rVV	2145235	1777132	45.92%	4.871%
19	10.592	1443	1446	1451	rVB	79176	79847	2.06%	0.219%
20	10.669	1456	1459	1466	rVB2	91505	135535	3.50%	0.372%
21	11.045	1520	1523	1528	rVB	56009	55893	1.44%	0.153%
22	11.110	1531	1534	1537	rVV3	102494	134893	3.49%	0.370%
23	11.139	1537	1539	1543	rVB2	48471	64827	1.68%	0.178%
24	11.239	1552	1556	1558	rBV	1682338	1390146	35.92%	3.810%
25	11.263	1558	1560	1563	rVV	1141541	871961	22.53%	2.390%
26	11.316	1564	1569	1572	rVB	244426	233347	6.03%	0.640%
27	11.469	1590	1595	1598	rBV2	100380	110652	2.86%	0.303%
28	11.545	1604	1608	1610	rBV2	73905	66485	1.72%	0.182%
29	11.645	1622	1625	1630	rVB8	31477	46280	1.20%	0.127%
30	11.739	1638	1641	1644	rBV	104241	100473	2.60%	0.275%
31	11.775	1644	1647	1650	rVV2	230323	251781	6.51%	0.690%
32	11.816	1651	1654	1657	rVV2	70947	77849	2.01%	0.213%
33	11.851	1657	1660	1663	rVV	188934	220262	5.69%	0.604%
34	11.875	1663	1664	1669	rVB	88630	60495	1.56%	0.166%
35	11.951	1674	1677	1679	rVB2	63502	51115	1.32%	0.140%
36	12.039	1689	1692	1694	rBV	79009	87294	2.26%	0.239%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133252.D
Acq On : 05 May 2023 02:15
Operator : CG\JU
Sample : 02588-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-0-3-05022023

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.057	1694	1695	1699	rVB2	94250	64671	1.67%	0.177%
38	12.292	1732	1735	1738	rBV	83388	84047	2.17%	0.230%
39	12.339	1738	1743	1746	rVB4	77702	125134	3.23%	0.343%
40	12.375	1746	1749	1753	rBV	74606	84299	2.18%	0.231%
41	12.451	1758	1762	1765	rVV	1486886	1190507	30.76%	3.263%
42	12.680	1795	1801	1804	rBV	1060346	1203915	31.11%	3.300%
43	12.798	1818	1821	1822	rBV	85918	67811	1.75%	0.186%
44	12.828	1822	1826	1829	rVV	3359572	2788850	72.07%	7.644%
45	12.898	1833	1838	1841	rBV3	73902	123684	3.20%	0.339%
46	12.986	1850	1853	1854	rBV2	47014	48871	1.26%	0.134%
47	13.004	1854	1856	1860	rVB	151066	141870	3.67%	0.389%
48	13.075	1864	1868	1871	rBV2	129820	143776	3.72%	0.394%
49	13.110	1871	1874	1877	rBV	118223	123329	3.19%	0.338%
50	13.198	1887	1889	1892	rVB	55316	50326	1.30%	0.138%
51	13.233	1892	1895	1899	rBV2	65899	66096	1.71%	0.181%
52	13.310	1906	1908	1912	rBV2	107483	93760	2.42%	0.257%
53	13.410	1923	1925	1927	rBV2	62720	46696	1.21%	0.128%
54	13.510	1940	1942	1947	rVB	98906	100919	2.61%	0.277%
55	13.622	1958	1961	1964	rBV2	100218	119131	3.08%	0.327%
56	13.651	1964	1966	1968	rVV	74961	58315	1.51%	0.160%
57	13.675	1968	1970	1974	rVV2	59699	75590	1.95%	0.207%
58	13.739	1979	1981	1988	rVB2	136394	179300	4.63%	0.491%
59	13.874	1999	2004	2007	rBV2	1412257	1737401	44.90%	4.762%
60	13.898	2007	2008	2011	rVB	488850	343358	8.87%	0.941%
61	13.980	2020	2022	2024	rVB	80048	62168	1.61%	0.170%
62	14.357	2084	2086	2089	rBV	95713	80450	2.08%	0.221%
63	14.892	2173	2177	2180	rBV	425304	641188	16.57%	1.758%
64	15.174	2222	2225	2231	rVB	253247	286556	7.40%	0.785%
65	15.233	2232	2235	2241	rVB	311510	347143	8.97%	0.952%
66	15.292	2241	2245	2248	rBV	704359	795756	20.56%	2.181%

Sum of corrected areas: 36482554

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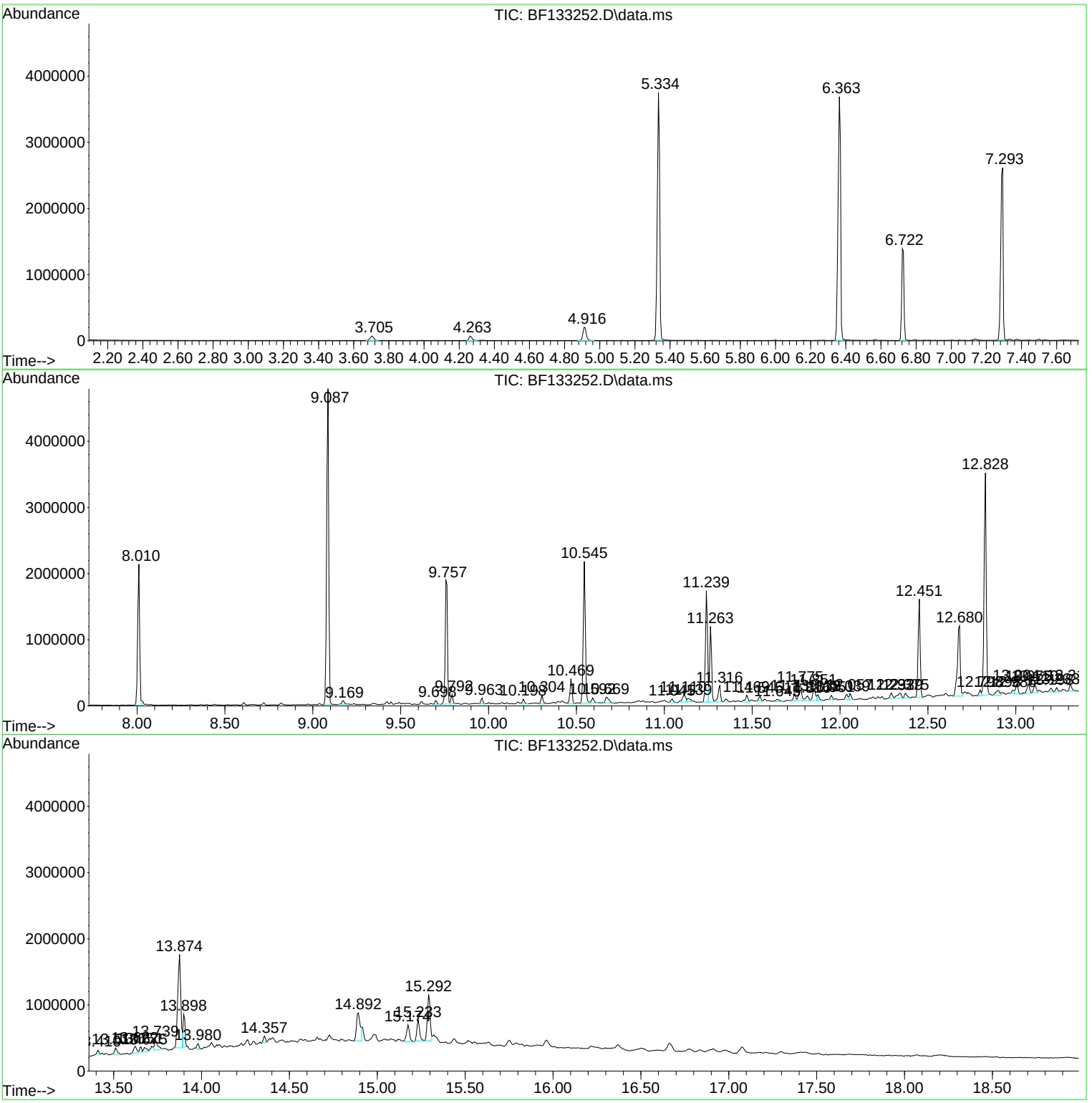
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-0-3-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF050423\
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Acq On : 05 May 2023 02:15
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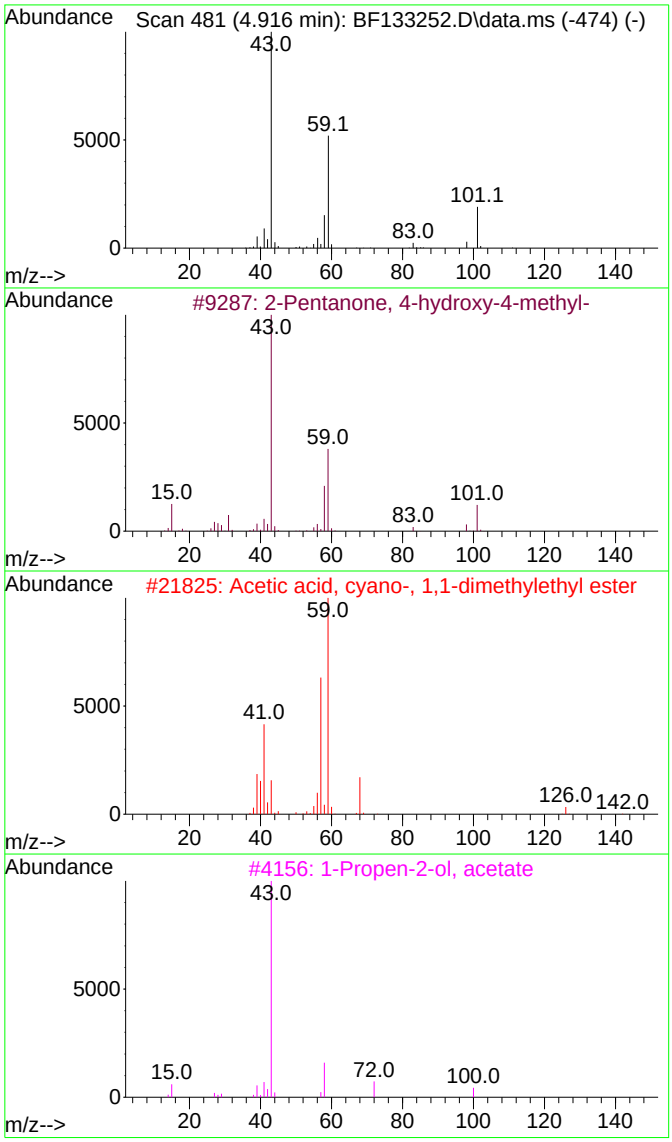
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

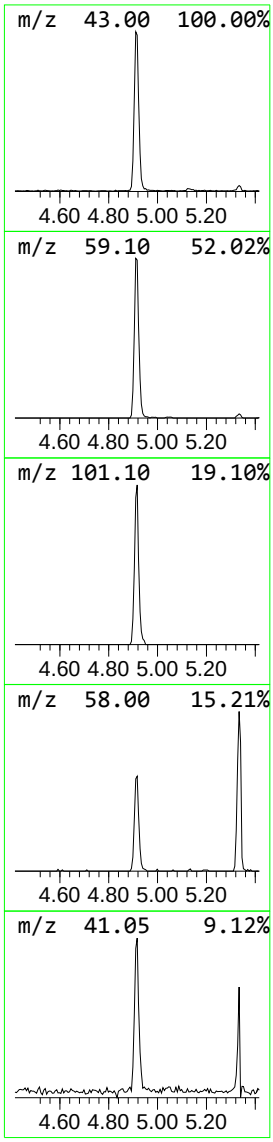
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.916	4.33 ng	267519	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2-Pentanone	86	C5H10O	000107-87-9	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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Data File : BF133252.D
Acq On : 05 May 2023 02:15
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Sample : 02588-10
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Instrument :
BNA_F
ClientSampleId :
ZONE-D-0-3-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

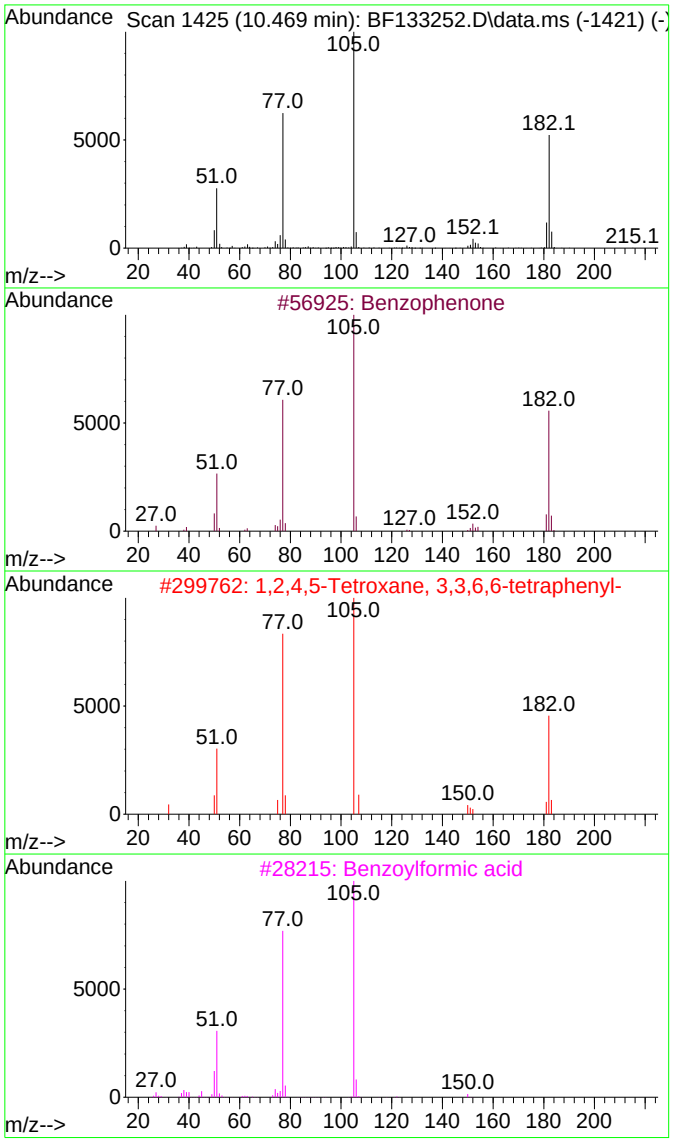
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

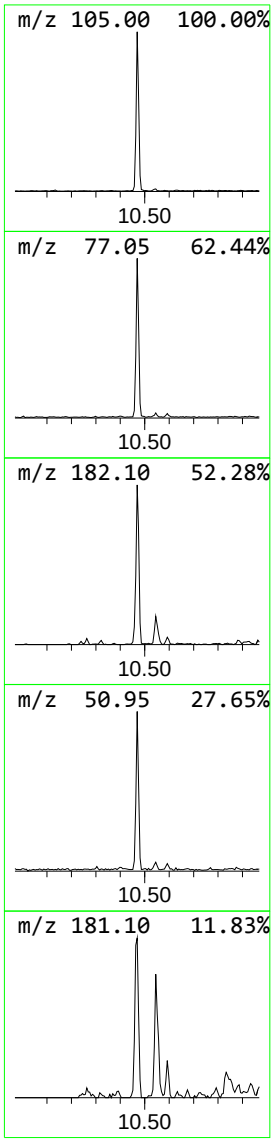
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	3.75 ng	313262	Acenaphthene-d10	9.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47
5	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
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Acq On : 05 May 2023 02:15
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Sample : 02588-10
Misc :
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Instrument :
BNA_F
ClientSampleId :
ZONE-D-0-3-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

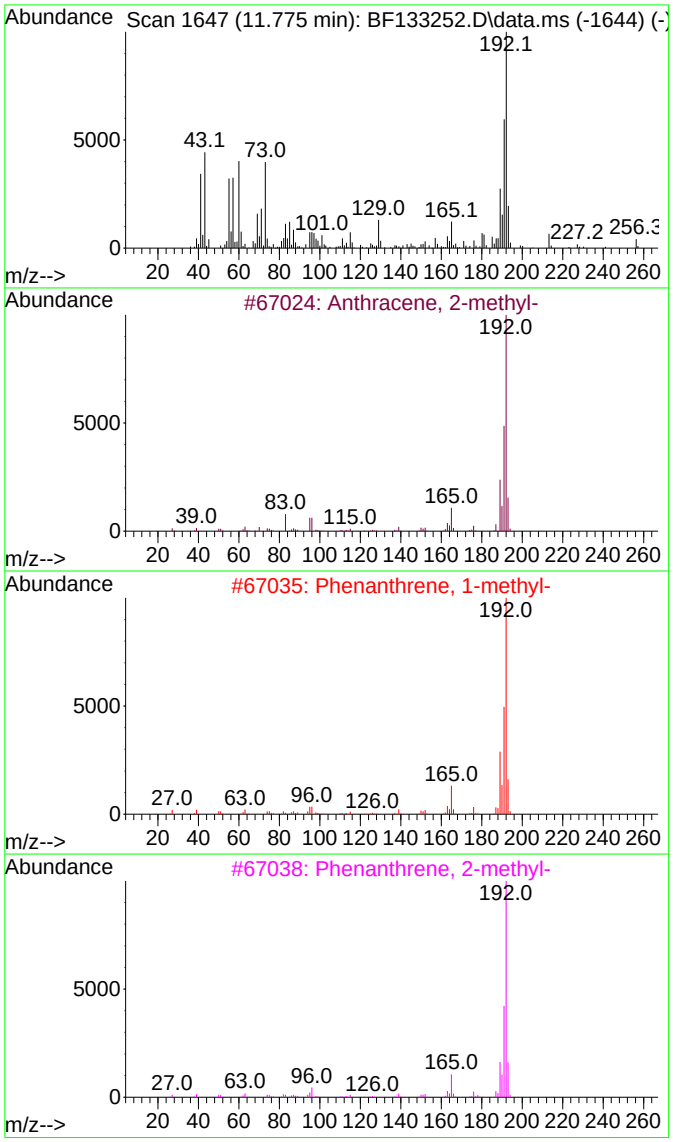
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

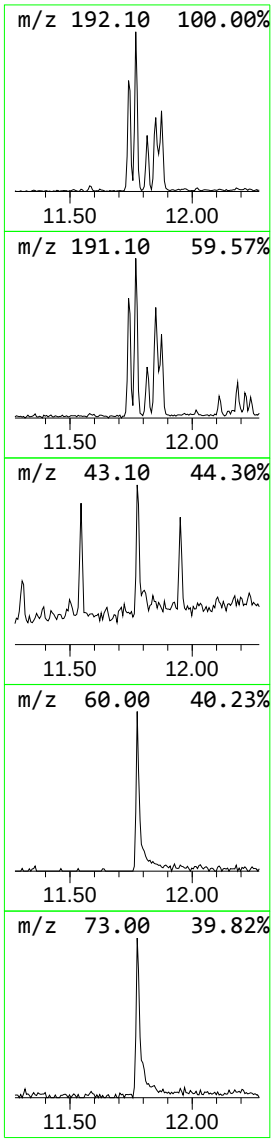
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	3.62 ng	251781	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133252.D
Acq On : 05 May 2023 02:15
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Sample : 02588-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-0-3-05022023

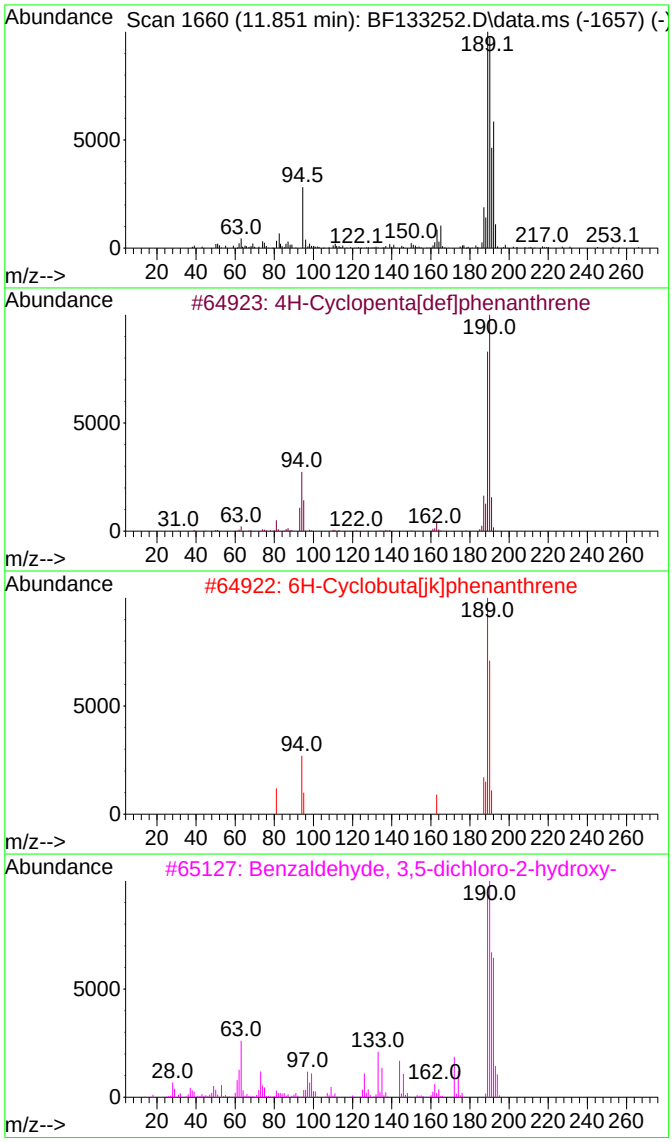
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

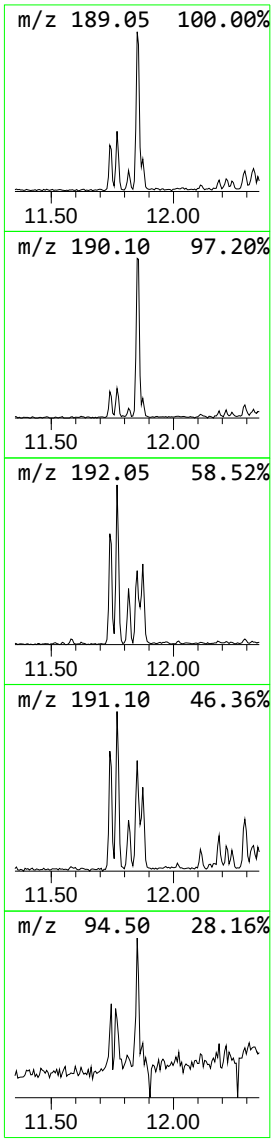
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.17 ng	220262	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-0-3-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

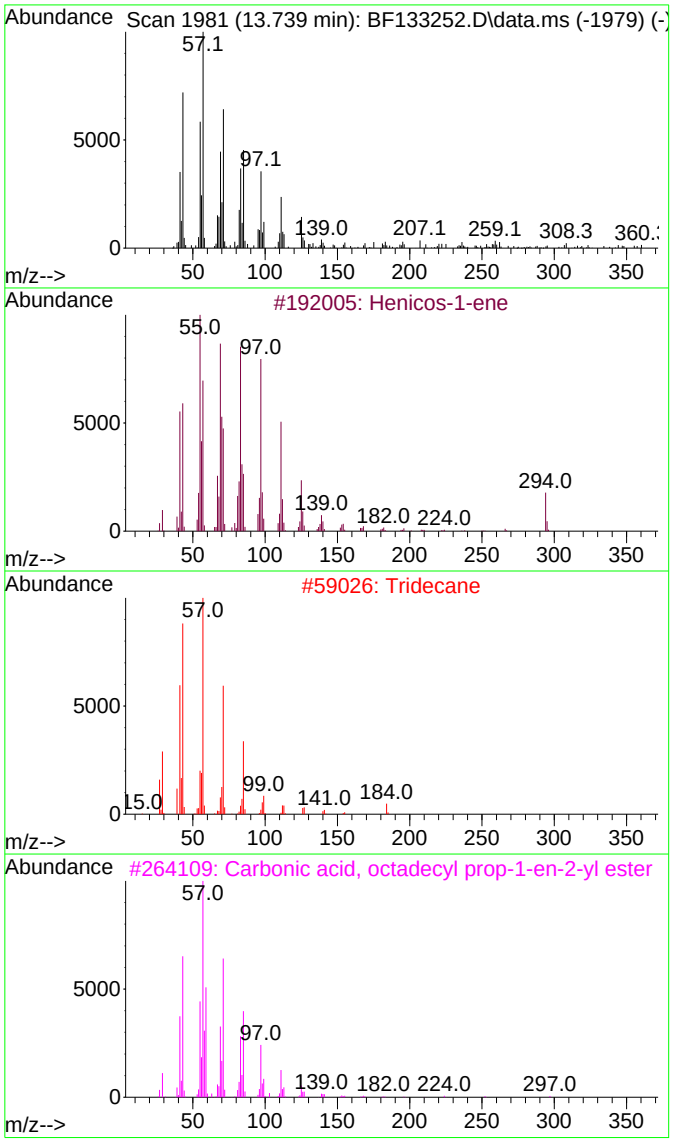
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

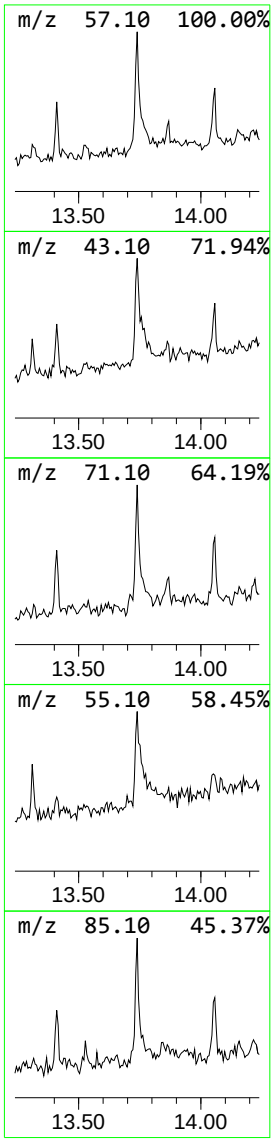
****

Peak Number 5 Henicos-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	2.06 ng	179300	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Henicos-1-ene	294	C21H42	001599-68-4	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	83





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Instrument :
BNA_F
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ZONE-D-0-3-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

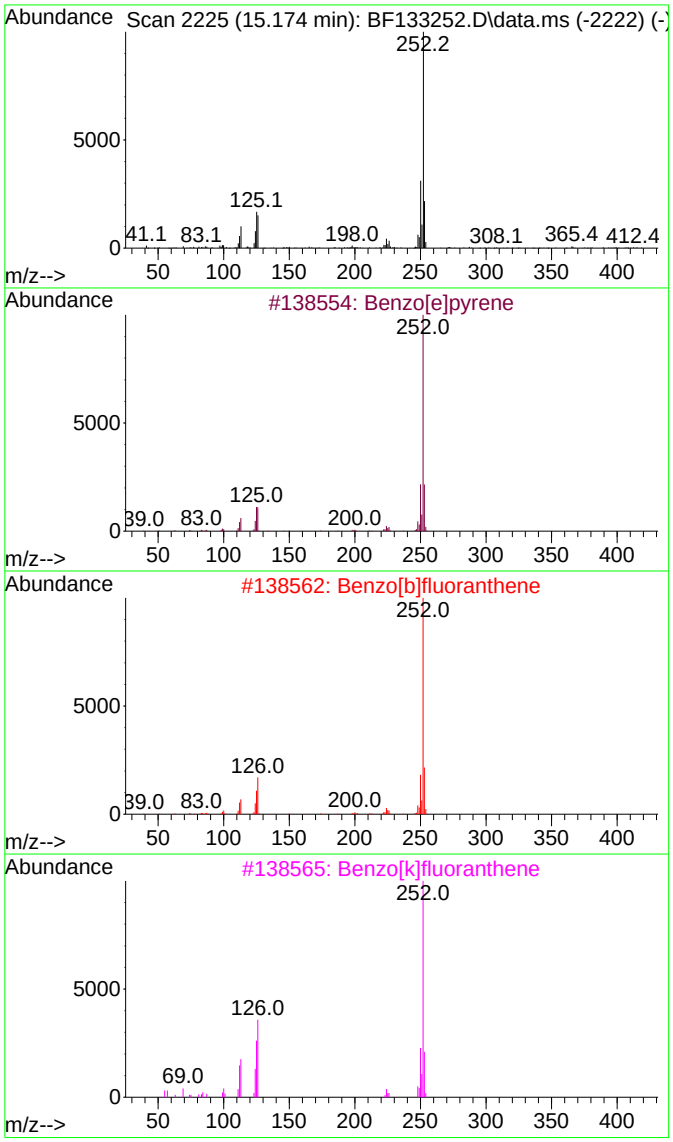
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

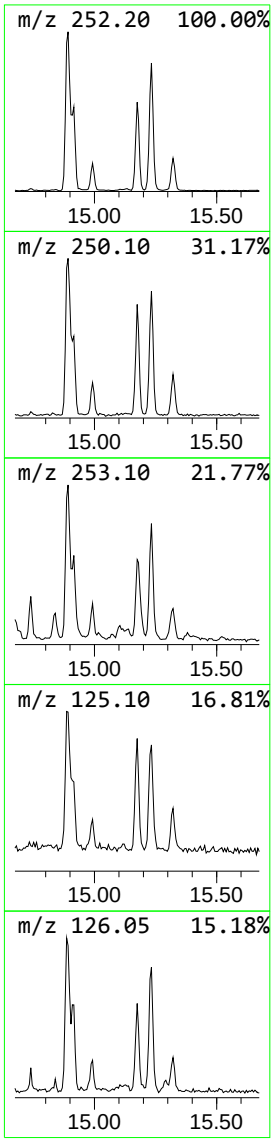
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	7.20 ng	286556	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133252.D
Acq On : 05 May 2023 02:15
Operator : CG\JU
Sample : 02588-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZONE-D-0-3-05022023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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-...	4.916	4.3	ng	267519	1	6.728	1235840	20.0
Benzophenone	10.469	3.8	ng	313262	3	9.757	1669090	20.0
Anthracene, 2-m...	11.775	3.6	ng	251781	4	11.239	1390150	20.0
4H-Cyclopenta[d...	11.851	3.2	ng	220262	4	11.239	1390150	20.0
Henicos-1-ene	13.739	2.1	ng	179300	5	13.874	1737400	20.0
Benzo[e]pyrene	15.174	7.2	ng	286556	6	15.292	795756	20.0