LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

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: BF132047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.804	110	122	128	rVB4	12267	28231	1.42%	0.182%
2	4.969	484	490	504	rVB	544798	721233	36.16%	4.656%
3	5.387	558	561	572	rBV	1628556	1572412	78.84%	10.150%
4	6.416	732	736	747	rBV	1767709	1616330	81.04%	10.434%
5	6.592	762	766	769	rBV2	27282	26639	1.34%	0.172%
6	6.769	792	796	802	rVB	585448	465435	23.34%	3.004%
7	7.345	889	894	896	rBV	1069194	1095285	54.91%	7.070%
8	8.057	1009	1015	1018	rBV	663903	601689	30.17%	3.884%
9	8.475	1083	1086	1091	rBV	38782	36004	1.81%	0.232%
10	8.645	1112	1115	1118	rBV	32359	26867	1.35%	0.173%
11	8.775	1134	1137	1140	rVB	51702	39056	1.96%	0.252%
12	8.875	1151	1154	1157	rBV	53199	44969	2.25%	0.290%
13	9.139	1193	1199	1202	rBV	2390784	1994518	100.00%	12.875%
14	9.210	1207	1211	1214	rBV	40682	39983	2.00%	0.258%
15	9.398	1240	1243	1248	rBV2	21983	28304	1.42%	0.183%
16	9.475	1253	1256	1258	rBV	48375	47683	2.39%	0.308%
17	9.533	1264	1266	1268	rVB2	34043	24721	1.24%	0.160%
18	9.592	1273	1276	1281	rBV	30266	32009	1.60%	0.207%
19	9.745	1299	1302	1306	rVB	37095	33144	1.66%	0.214%
20	9.816	1306	1314	1318	rBV	778700	709940	35.59%	4.583%
21	9.969	1336	1340	1345	rBV5	12458	28742	1.44%	0.186%
22	10.022	1345	1349	1352	rVV2	33753	39883	2.00%	0.257%
23	10.063	1352	1356	1360	rVB3	22740	29681	1.49%	0.192%
24	10.133	1365	1368	1371	rBV	23015	24000	1.20%	0.155%
25	10.222	1378	1383	1385	rBV4	33228	44140	2.21%	0.285%
26	10.245	1385	1387	1389	rVB	55793	40907	2.05%	0.264%
27	10.357	1403	1406	1409	rBV	36485	31708	1.59%	0.205%
28	10.463	1418	1424	1430	rBV3	22929	35609	1.79%	0.230%
29	10.533	1430	1436	1440	rVV2	109204	113132	5.67%	0.730%
30	10.610	1446	1449	1453	rBV	1280222	1150466	57.68%	7.426%
31	10.728	1464	1469	1473	rBV2	92887	114751	5.75%	0.741%
32	11.045	1519	1523	1525	rBV2	31646	38398	1.93%	0.248%
33	11.116	1532	1535	1540	rBV4	16800	24699	1.24%	0.159%
34	11.169	1540	1544	1546	rVV2	55902	63680	3.19%	0.411%
35	11.198	1546	1549	1558	rVB5	20179	33806	1.69%	0.218%
36	11.310	1564	1568	1570	rBV	875575	684813	34.33%	4.421%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

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	11.333	1570	1572	1575	rVB	99184	75154	3.77%	0.485%
38	11.551	1604	1609	1611	rBV3	17642	25268	1.27%	0.163%
39	11.592	1614	1616	1619	rVB2	45561	39667	1.99%	0.256%
40	11.810	1650	1653	1655	rBV	34984	31495	1.58%	0.203%
41	11.839	1655	1658	1662	rVB	77582	69742	3.50%	0.450%
42	11.922	1669	1672	1674	rBV2	39763	37190	1.86%	0.240%
43	11.945	1674	1676	1679	rVB	38967	30428	1.53%	0.196%
44	12.004	1683	1686	1688	rBV	51796	42727	2.14%	0.276%
45	12.363	1743	1747	1750	rBV2	63048	81178	4.07%	0.524%
46	12.392	1750	1752	1755	rVV2	69606	66141	3.32%	0.427%
47	12.451	1759	1762	1766	rVB2	22176	27823	1.39%	0.180%
48	12.522	1771	1774	1778	rBV	137562	127511	6.39%	0.823%
49	12.710	1803	1806	1809	rBV2	28684	30810	1.54%	0.199%
50	12.757	1809	1814	1819	rVV	111470	158289	7.94%	1.022%
51	12.810	1820	1823	1826	rVB3	22619	26165	1.31%	0.169%
52	12.898	1834	1838	1841	rBV	1819595	1466817	73.54%	9.469%
53	13.121	1872	1876	1879	rBV	44632	44271	2.22%	0.286%
54	13.463	1932	1934	1939	rBV	35225	37682	1.89%	0.243%
55	13.798	1987	1991	2000	rVB3	104060	173391	8.69%	1.119%
56	13.957	2013	2018	2021	rBV	455082	445856	22.35%	2.878%
57	13.980	2021	2022	2029	rVB	53706	41769	2.09%	0.270%
58	14.110	2041	2044	2051	rVB2	30713	37522	1.88%	0.242%
59	14.416	2093	2096	2099	rBV3	29149	28627	1.44%	0.185%
60	14.792	2157	2160	2164	rVB	57078	54742	2.74%	0.353%
61	14.992	2190	2194	2201	rBV	46366	79379	3.98%	0.512%
62	15.292	2241	2245	2251	rVB	30641	43904	2.20%	0.283%
63	15.351	2252	2255	2261	rVB	26598	35818	1.80%	0.231%
64	15.415	2261	2266	2271	rBV	332643	415083	20.81%	2.679%
65	16.862	2507	2512	2518	rBV2	13247	34108	1.71%	0.220%

Sum of corrected areas: 15491424

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
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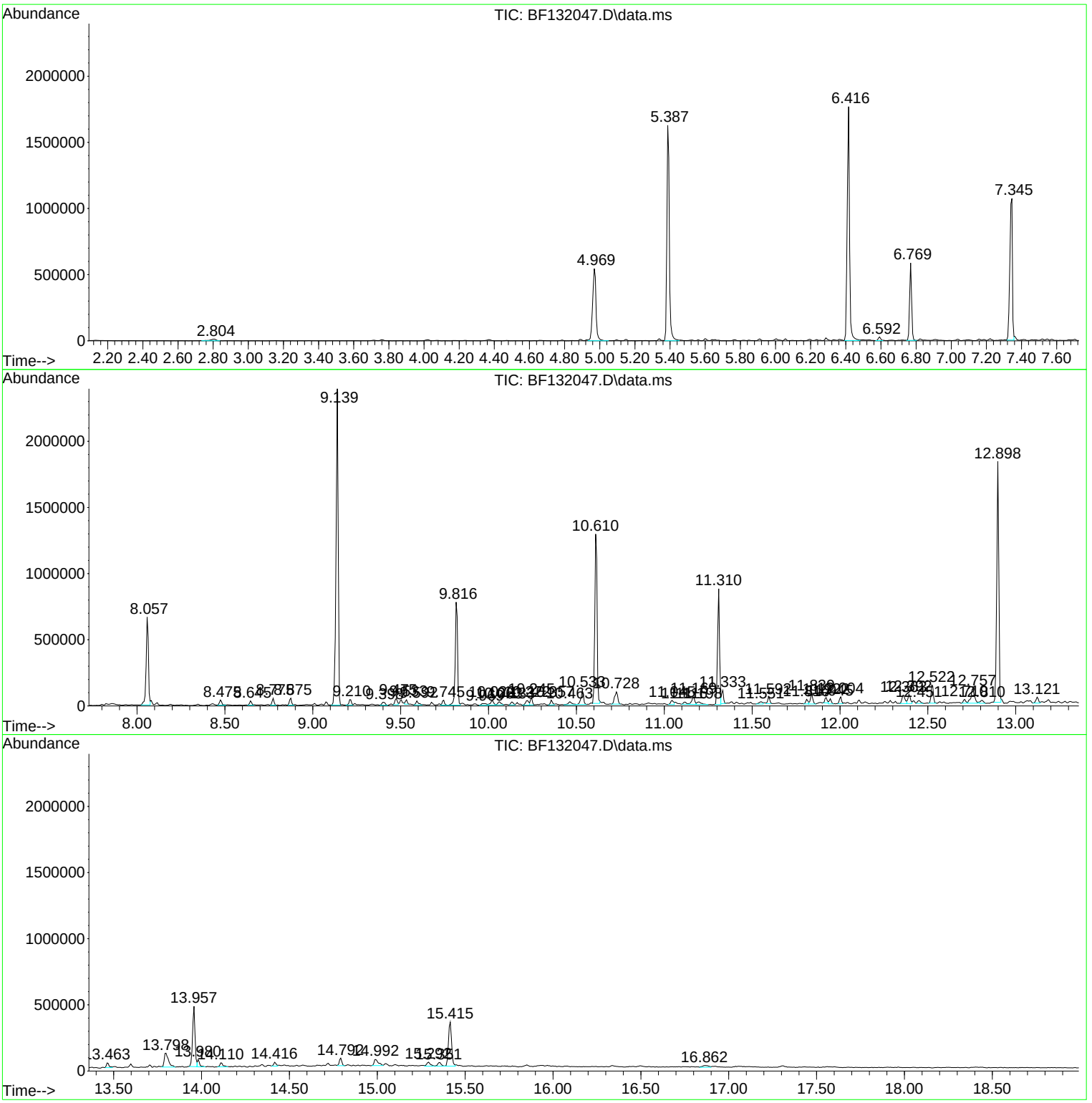
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

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\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
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Instrument :
BNA_F
ClientSampleId :
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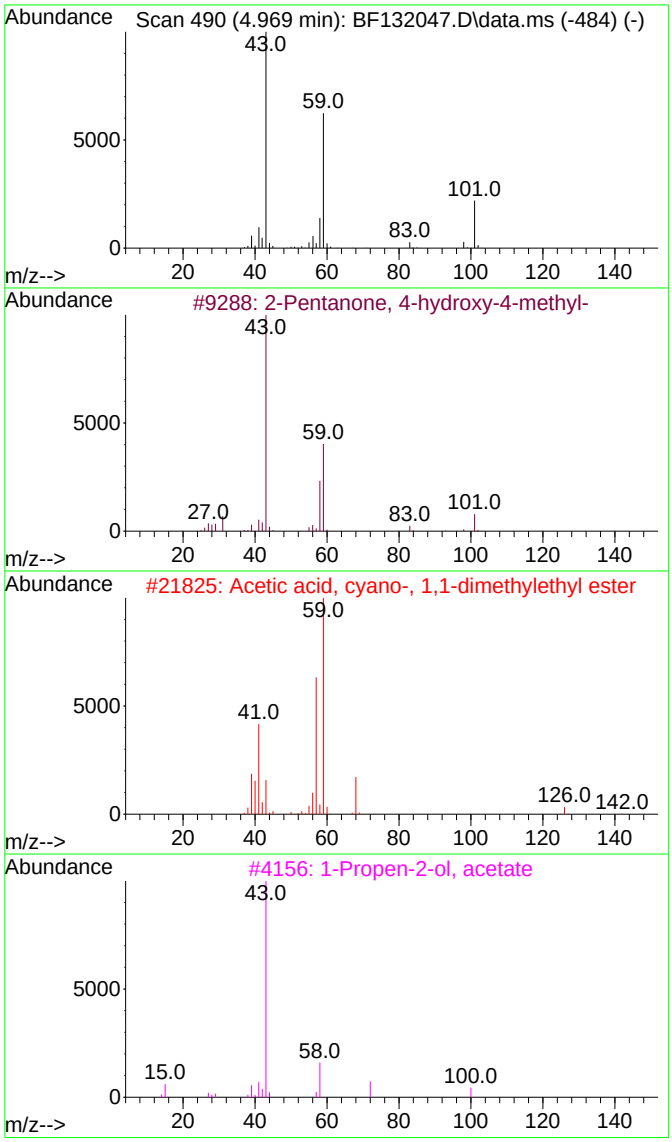
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

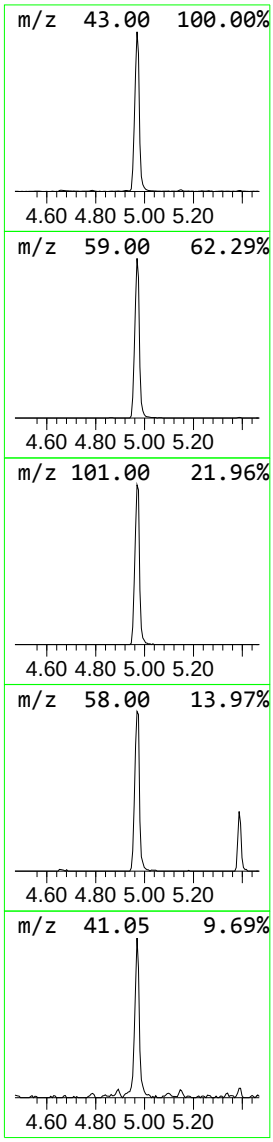
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	30.99 ng	721233	1,4-Dichlorobenzene-d4	6.769

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	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

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

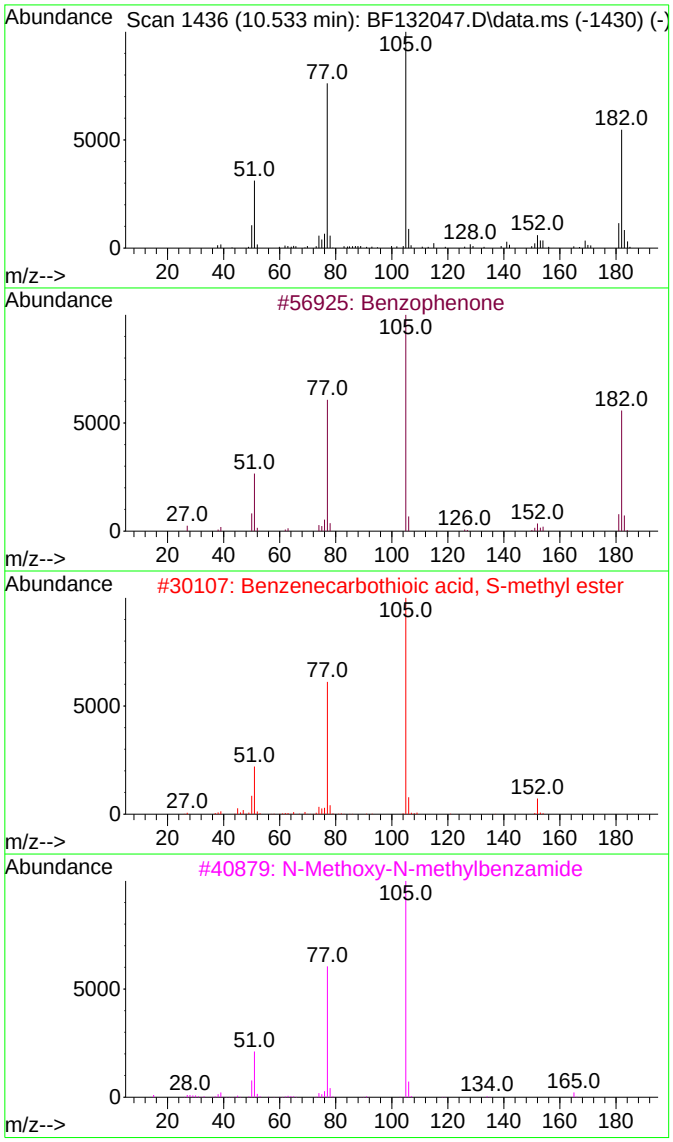
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

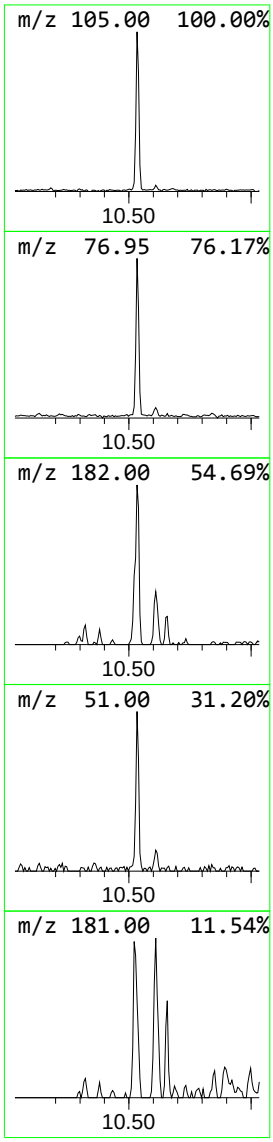
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	3.19 ng	113132	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
5	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

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

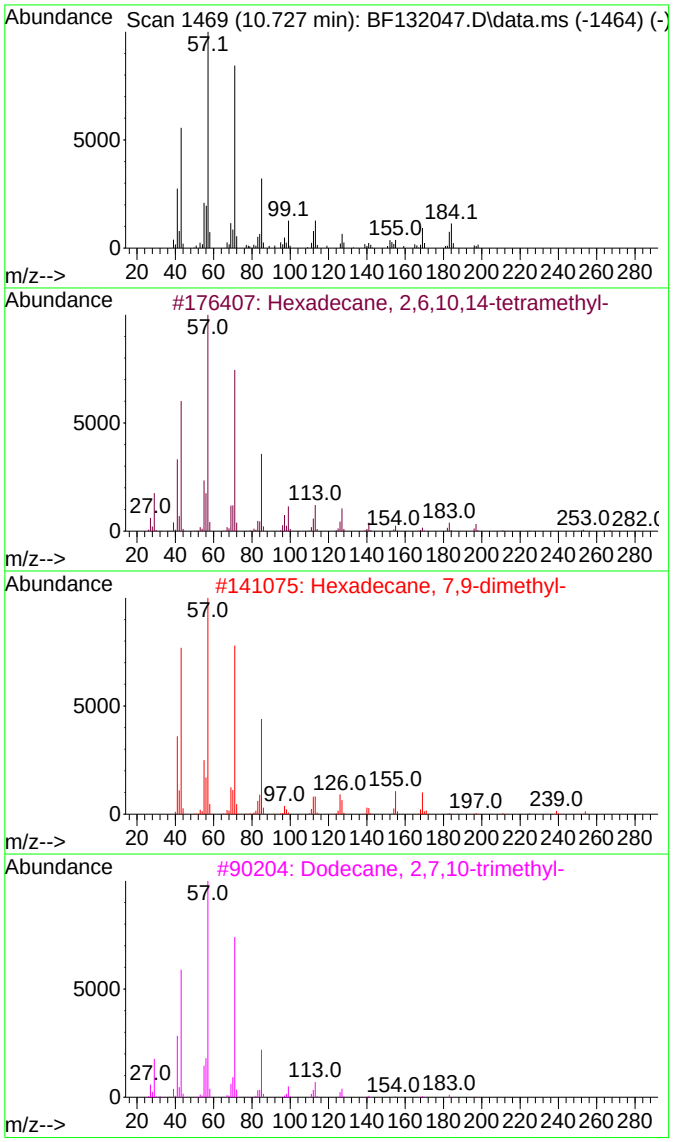
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

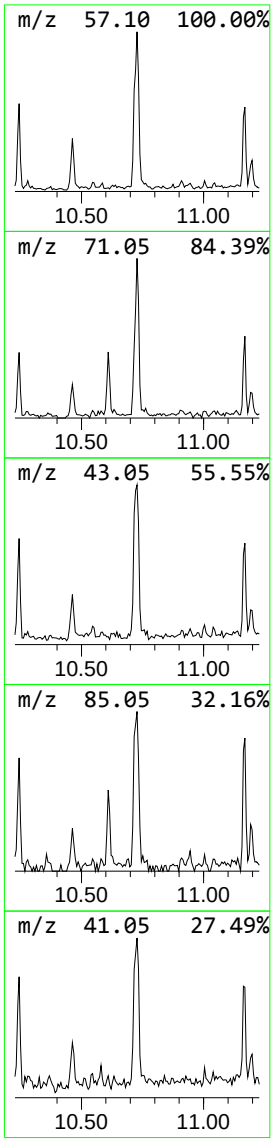
****

Peak Number 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	3.35 ng	114751	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

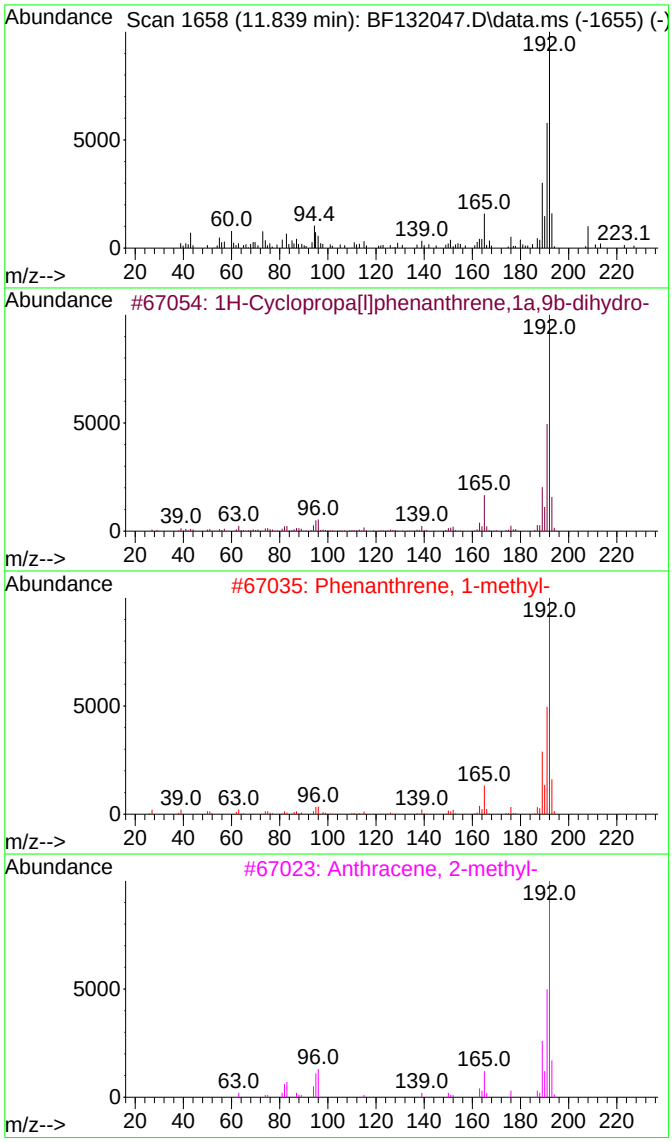
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

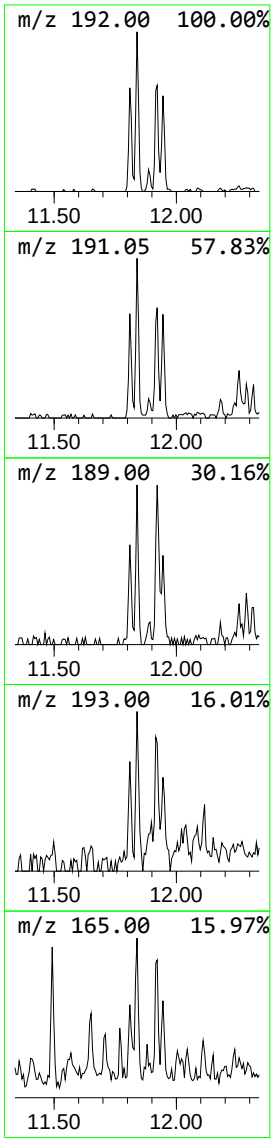
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	2.04 ng	69742	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

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

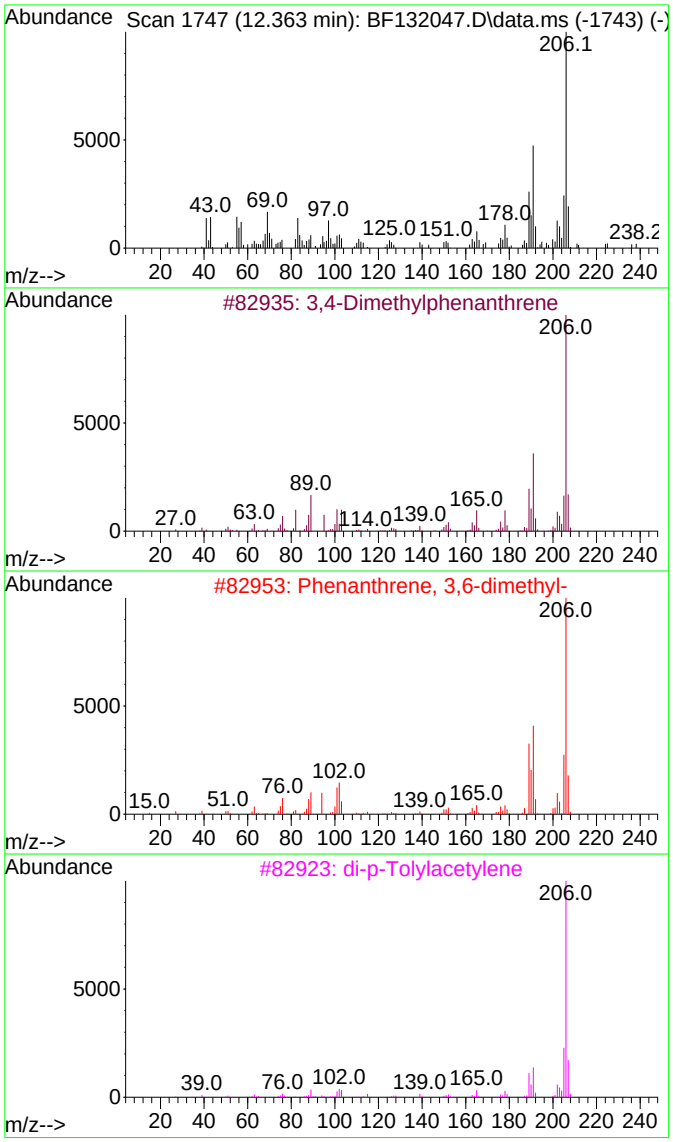
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

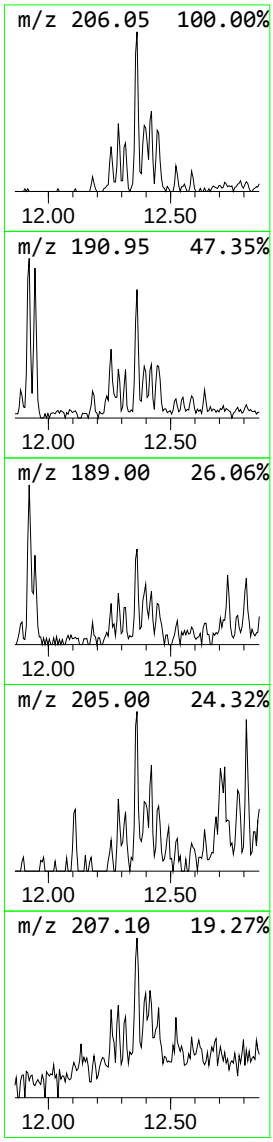
****

Peak Number 5 3,4-Dimethylphenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.37 ng	81178	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

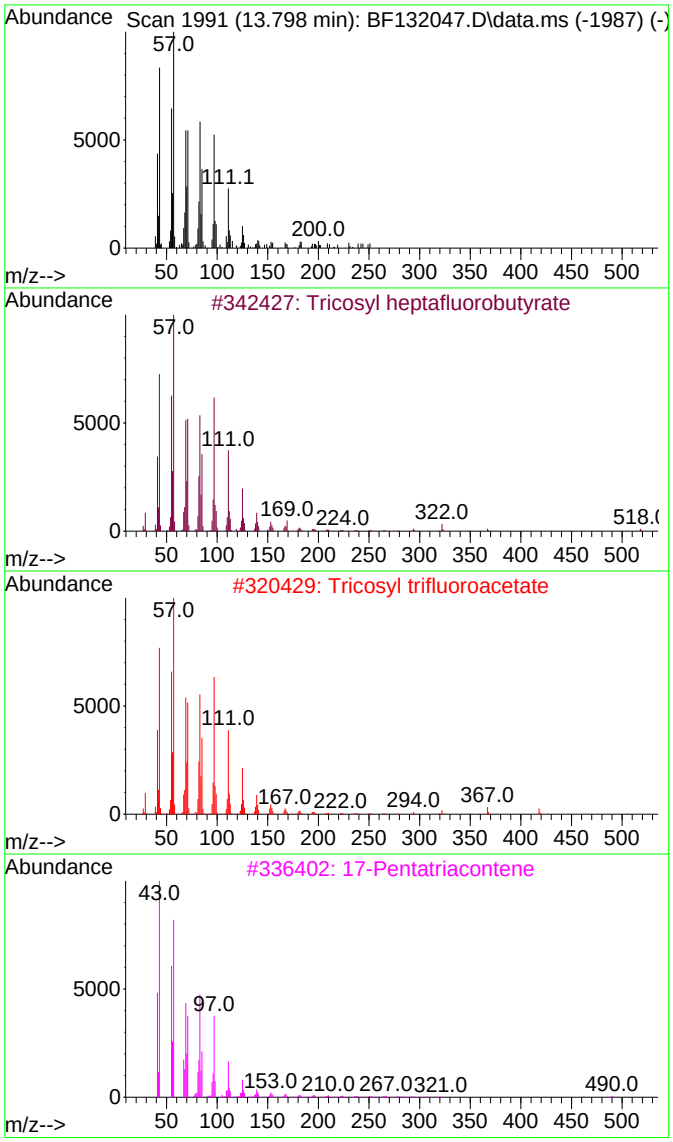
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

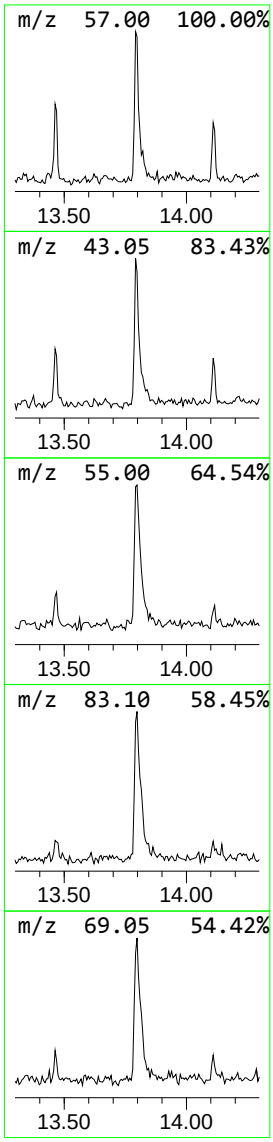
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Tricosyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	7.78 ng	173391	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

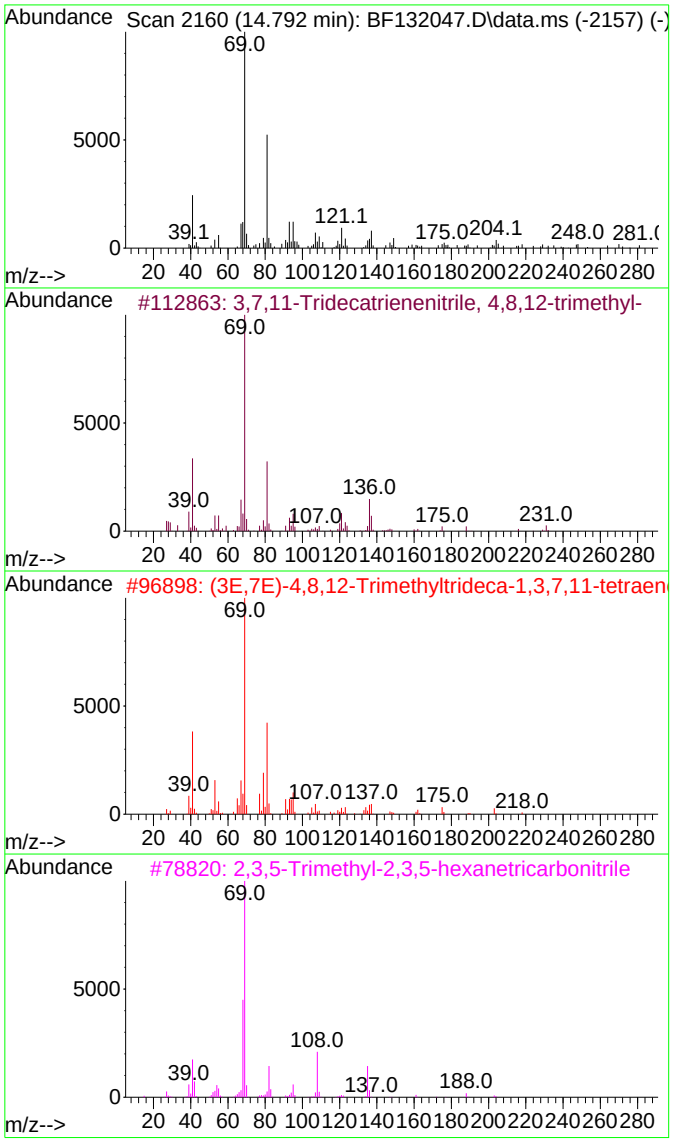
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

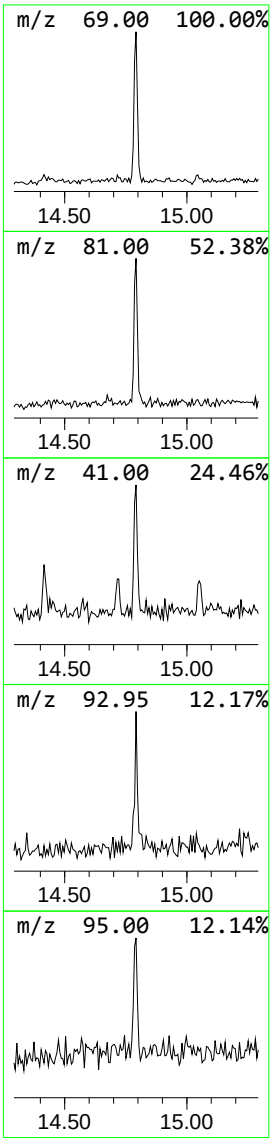
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3,7,11-Tridecatrienenitrile... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	2.64 ng	54742	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	72
2	(3E,7E)-4,8,12-Trimethyltrideca-...	218	C16H26	062235-06-7	68
3	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59
5	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

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

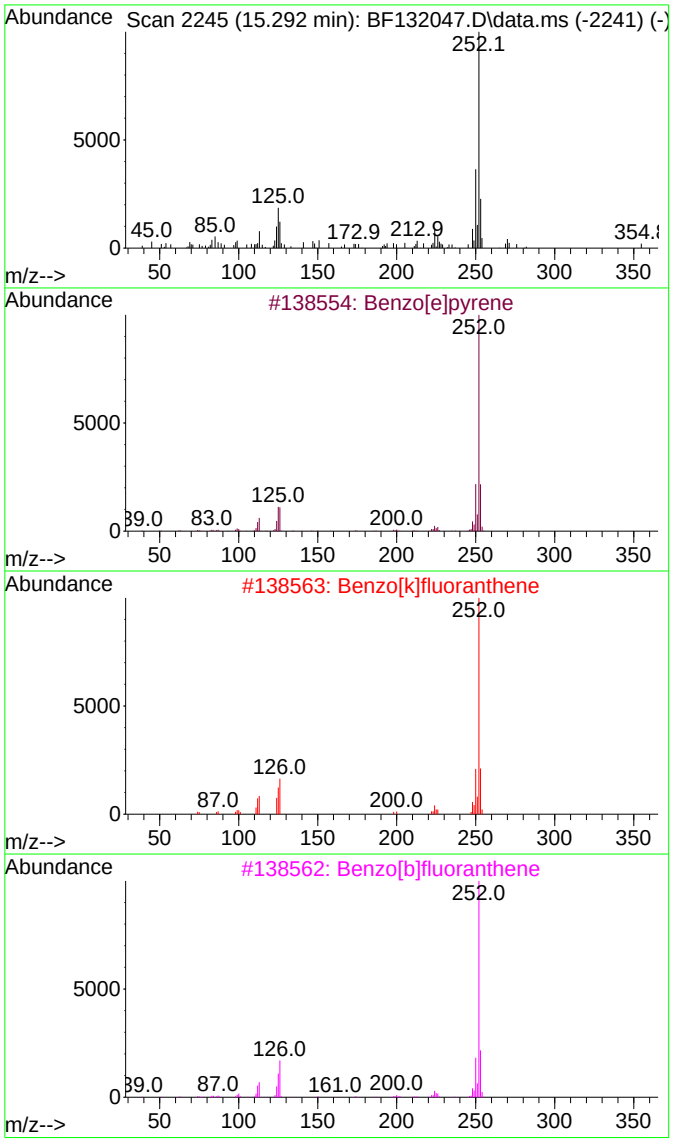
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

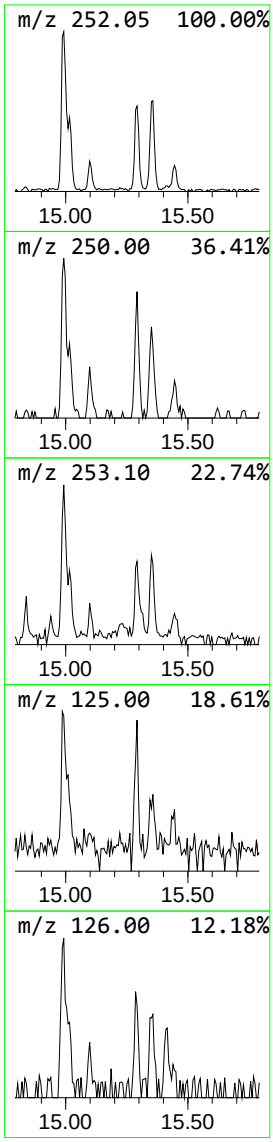
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	2.12 ng	43904	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	87
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	74
5	Perylene	252	C20H12	000198-55-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132047.D
Acq On : 12 Jan 2023 18:14
Operator : CG\JU
Sample : 01125-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-04-SB01

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-...	4.969	31.0	ng	721233	1	6.769	465435	20.0
Benzophenone	10.533	3.2	ng	113132	3	9.816	709940	20.0
Hexadecane, 2,6...	10.727	3.4	ng	114751	4	11.310	684813	20.0
1H-Cyclopropa[l...	11.839	2.0	ng	69742	4	11.310	684813	20.0
3,4-Dimethylphe...	12.363	2.4	ng	81178	4	11.310	684813	20.0
Tricosyl heptaf...	13.798	7.8	ng	173391	5	13.957	445856	20.0
3,7,11-Tridecat...	14.792	2.6	ng	54742	6	15.415	415083	20.0
Benzo[e]pyrene	15.292	2.1	ng	43904	6	15.415	415083	20.0