LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142979.D
Acq On : 02 Jul 2025 19:21
Operator : RC/JU
Sample : Q2458-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-68

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	482	491	506	rBV	64181	97569	8.54%	0.942%
2	5.487	555	560	580	rBV	723485	954034	83.50%	9.209%
3	6.498	727	732	751	rBV	703279	934854	81.82%	9.023%
4	6.869	790	795	804	rBV	282145	343150	30.03%	3.312%
5	7.434	885	891	896	rBV	477881	591905	51.81%	5.713%
6	8.157	1009	1014	1021	rBV	358643	441304	38.63%	4.260%
7	9.228	1191	1196	1202	rBV	886507	1142507	100.00%	11.028%
8	9.910	1307	1312	1317	rBV	373366	469894	41.13%	4.536%
9	10.622	1428	1433	1441	rVB	86136	111726	9.78%	1.078%
10	10.704	1441	1447	1452	rBV	467572	594704	52.05%	5.740%
11	10.816	1461	1466	1474	rVB5	6606	12698	1.11%	0.123%
12	11.404	1560	1566	1575	rBV2	303089	503280	44.05%	4.858%
13	11.474	1575	1578	1582	rBV	12270	14187	1.24%	0.137%
14	11.927	1646	1655	1661	rBV2	65997	138288	12.10%	1.335%
15	12.016	1666	1670	1680	rVB	48738	96099	8.41%	0.928%
16	12.198	1698	1701	1704	rBV	16017	19284	1.69%	0.186%
17	12.351	1720	1727	1729	rBV3	7732	12030	1.05%	0.116%
18	12.457	1740	1745	1748	rBV	25329	35602	3.12%	0.344%
19	12.492	1748	1751	1756	rVV4	17019	28401	2.49%	0.274%
20	12.545	1756	1760	1768	rVB3	17586	27468	2.40%	0.265%
21	12.616	1768	1772	1777	rBV	220276	274338	24.01%	2.648%
22	12.768	1792	1798	1804	rVB3	8171	14310	1.25%	0.138%
23	12.845	1804	1811	1817	rBV	212984	329530	28.84%	3.181%
24	12.898	1817	1820	1824	rVB2	13593	18107	1.58%	0.175%
25	12.986	1824	1835	1843	rVB	626368	806935	70.63%	7.789%
26	13.063	1843	1848	1855	rBV3	25736	48315	4.23%	0.466%
27	13.174	1860	1867	1871	rVB	45016	78349	6.86%	0.756%
28	13.245	1875	1879	1882	rVV	28123	38200	3.34%	0.369%
29	13.280	1882	1885	1892	rVB3	35059	49897	4.37%	0.482%
30	13.374	1897	1901	1903	rVV	19950	25855	2.26%	0.250%
31	13.404	1903	1906	1915	rVB3	20457	31884	2.79%	0.308%
32	13.663	1946	1950	1951	rBV3	9348	11714	1.03%	0.113%
33	13.686	1951	1954	1959	rVB	21133	29652	2.60%	0.286%
34	13.798	1968	1973	1975	rBV2	28622	41471	3.63%	0.400%
35	13.821	1975	1977	1980	rVV	20240	26191	2.29%	0.253%
36	13.892	1984	1989	1998	rVB4	42590	84163	7.37%	0.812%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q2458-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-68

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.045	2007	2015	2027	rBV2	363753	738677	64.65%	7.130%
38	14.157	2027	2034	2037	rBV3	18381	35897	3.14%	0.346%
39	14.198	2038	2041	2046	rBV5	9573	15595	1.36%	0.151%
40	14.398	2072	2075	2077	rBV3	10169	13680	1.20%	0.132%
41	14.433	2077	2081	2084	rVV	33094	47311	4.14%	0.457%
42	14.468	2084	2087	2090	rVB2	14842	17532	1.53%	0.169%
43	14.527	2090	2097	2100	rBV4	20375	42949	3.76%	0.415%
44	14.757	2131	2136	2138	rBV4	11250	19643	1.72%	0.190%
45	14.939	2164	2167	2174	rVB4	9859	17612	1.54%	0.170%
46	15.104	2189	2195	2203	rBV	104935	243166	21.28%	2.347%
47	15.215	2210	2214	2217	rBV	17205	22531	1.97%	0.217%
48	15.409	2243	2247	2253	rVB	54204	86159	7.54%	0.832%
49	15.474	2253	2258	2263	rBV	79082	119938	10.50%	1.158%
50	15.539	2263	2269	2281	rVB	191890	332413	29.10%	3.209%
51	17.045	2520	2525	2534	rVB2	22686	48998	4.29%	0.473%
52	17.356	2574	2578	2591	rVB10	16080	40557	3.55%	0.391%
53	17.503	2597	2603	2610	rBV	18143	39787	3.48%	0.384%

Sum of corrected areas: 10360340

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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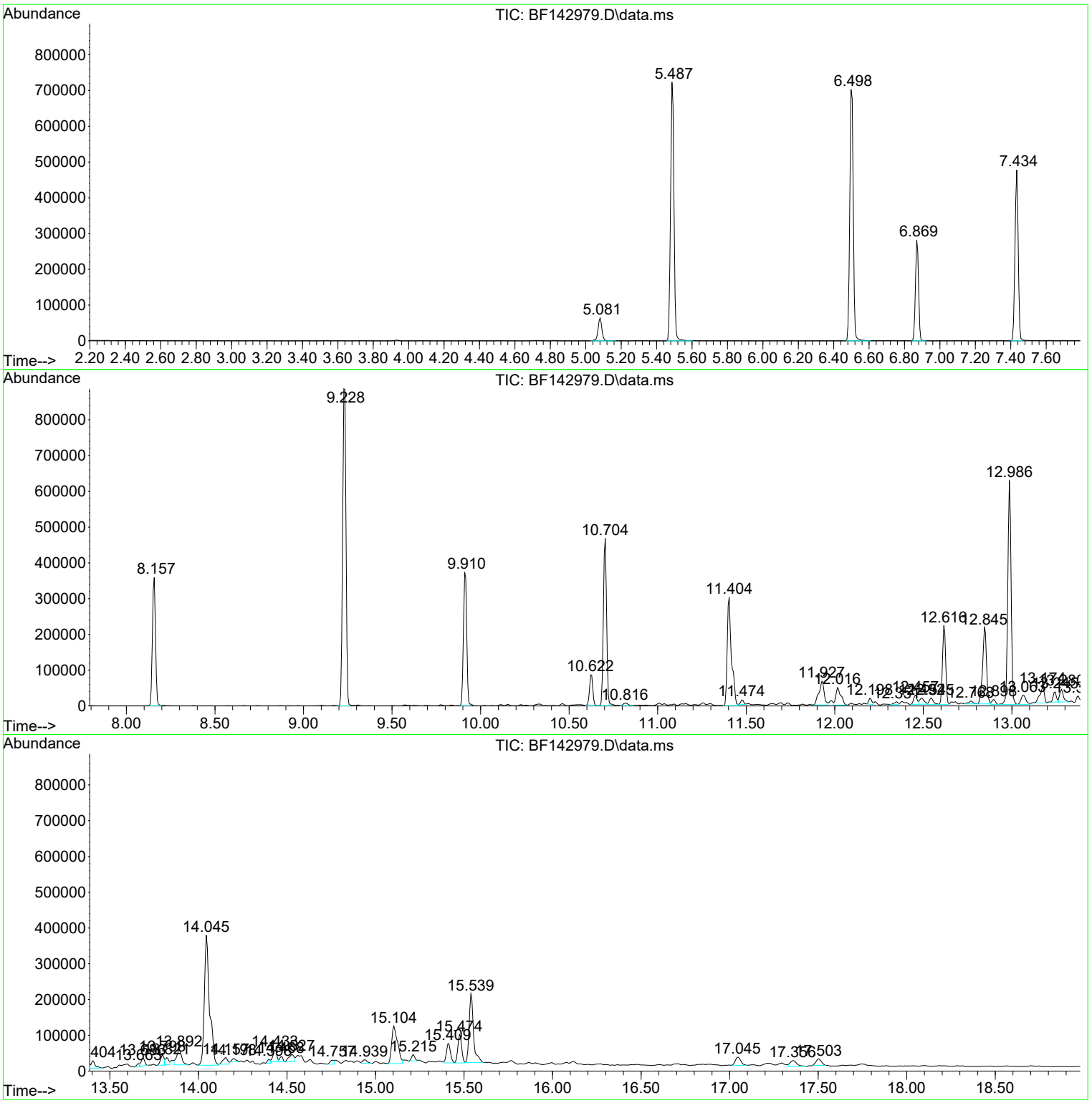
ClientSampleId :
TP-68

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF070225\
Data File : BF142979.D
Acq On : 02 Jul 2025 19:21
Operator : RC/JU
Sample : Q2458-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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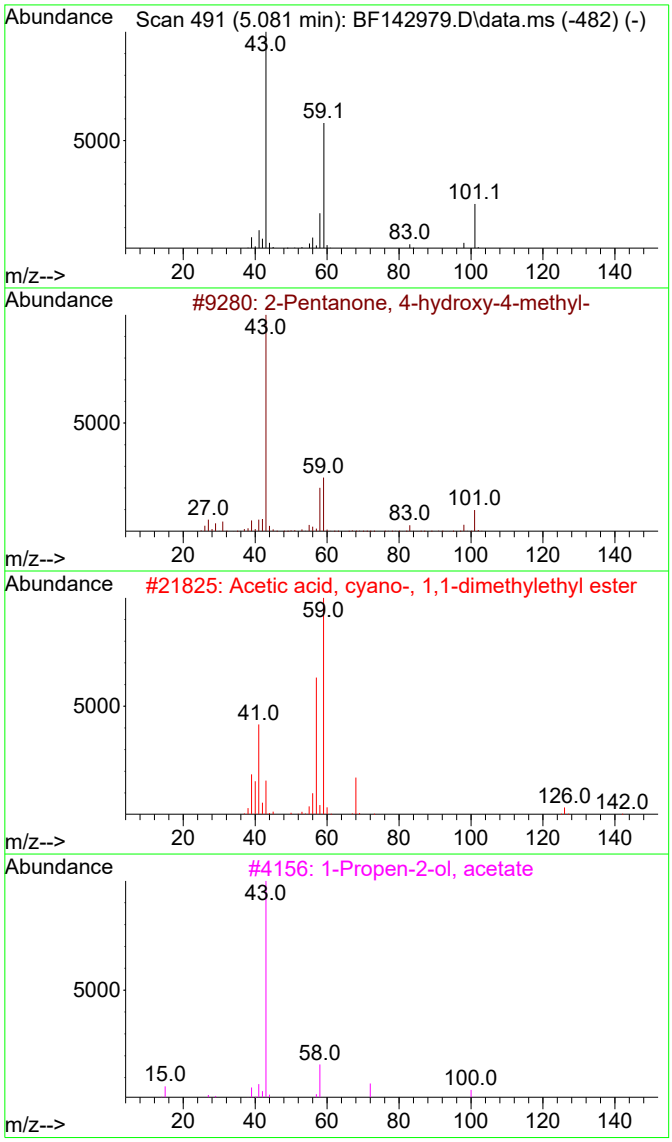
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

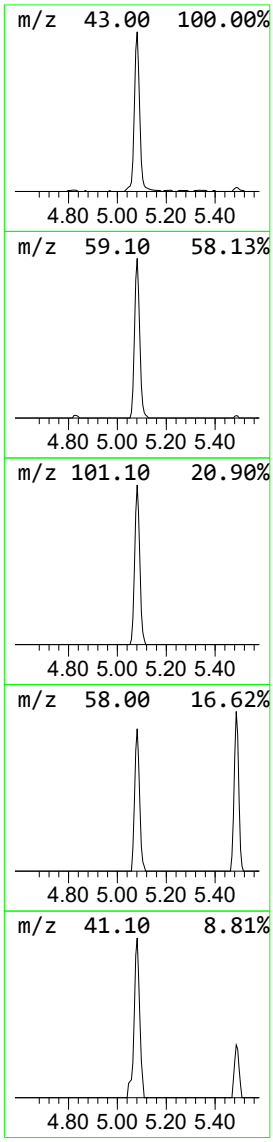
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	5.69 ng	97569	1,4-Dichlorobenzene-d4	6.869

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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BF142979.D
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Operator : RC/JU
Sample : Q2458-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

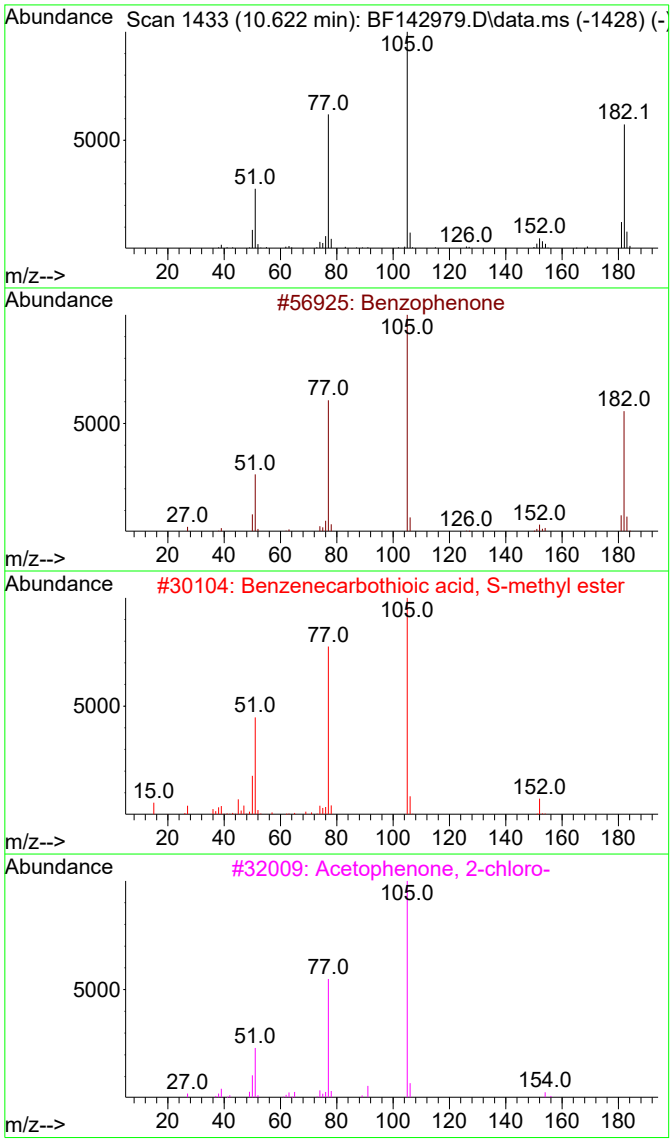
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

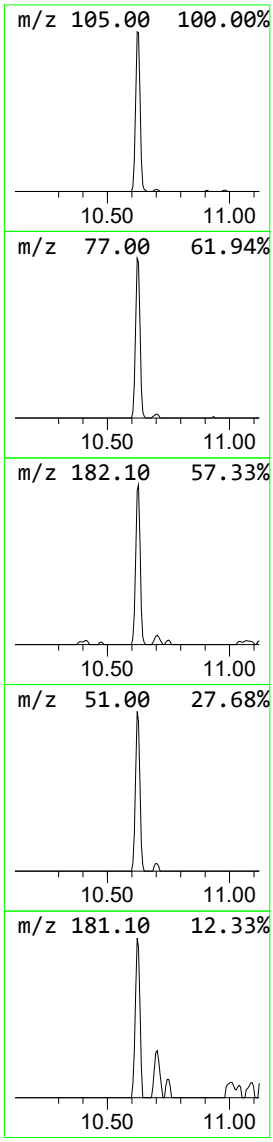
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	4.76 ng	111726	Acenaphthene-d10	9.910

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	47
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
4	Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	43
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
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Operator : RC/JU
Sample : Q2458-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

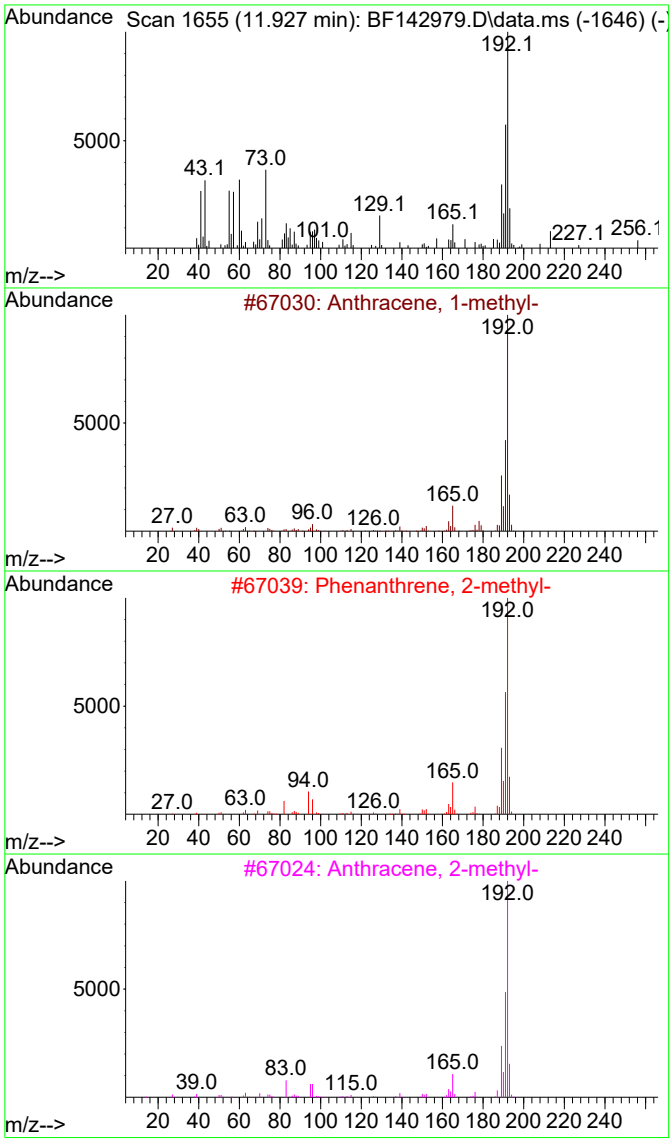
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

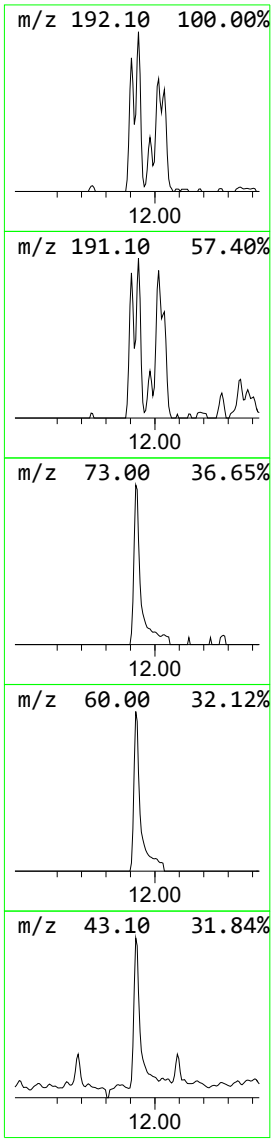
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	5.50 ng	138288	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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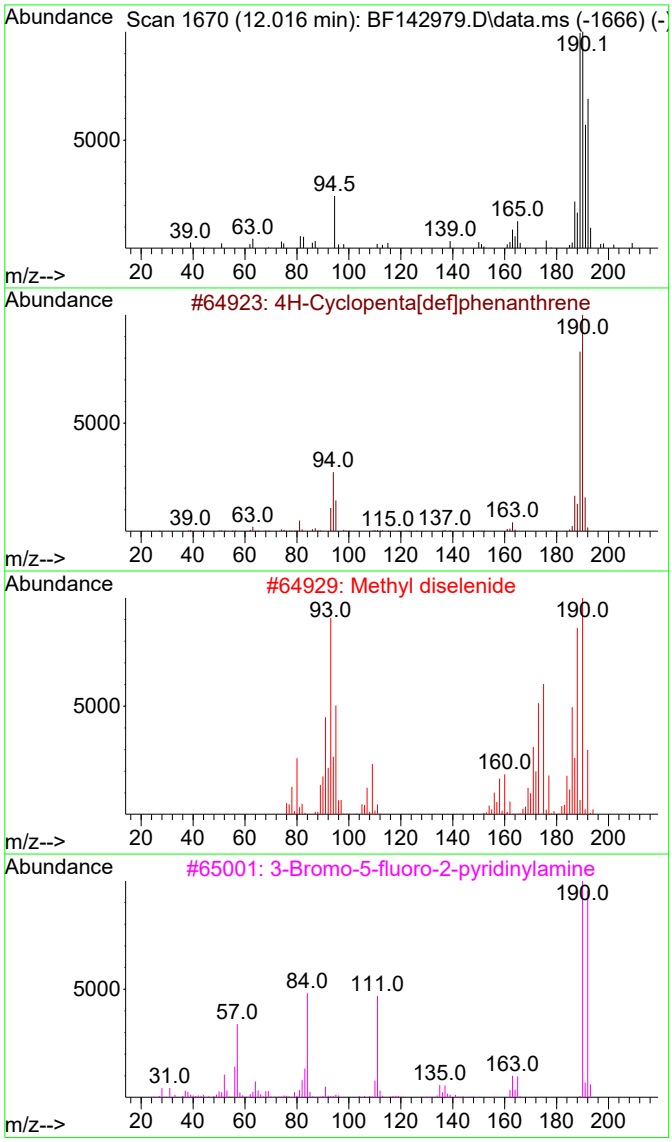
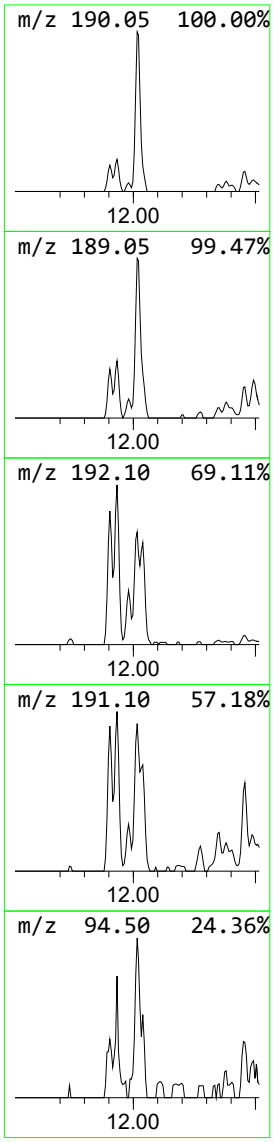
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.82 ng	96099	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

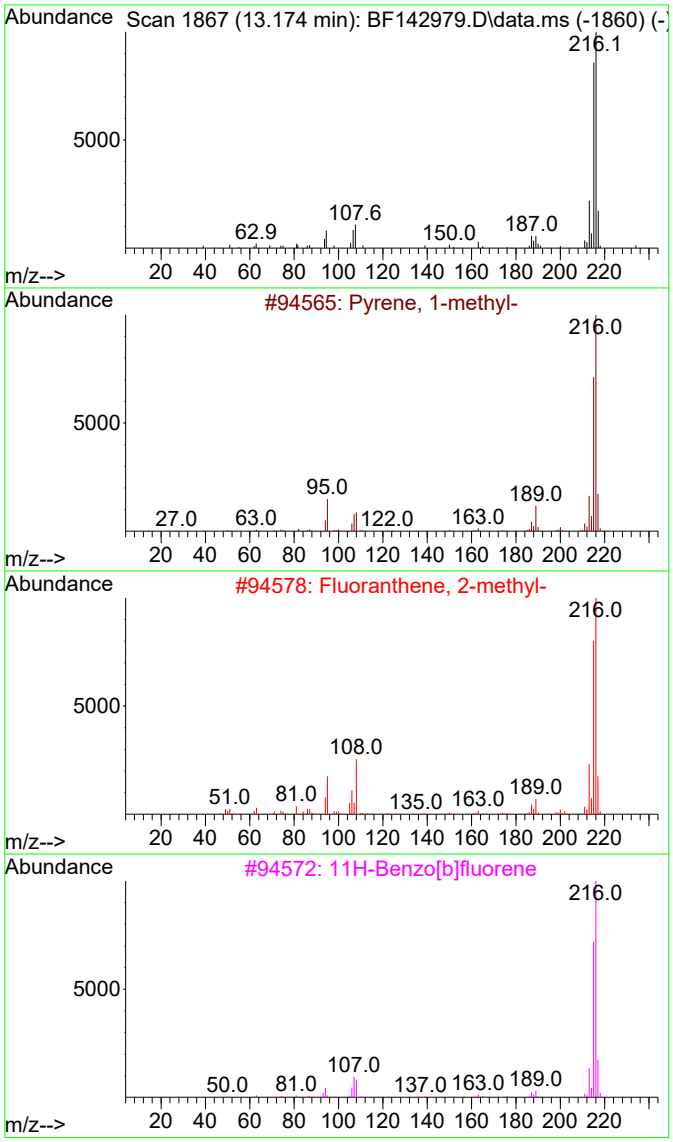
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

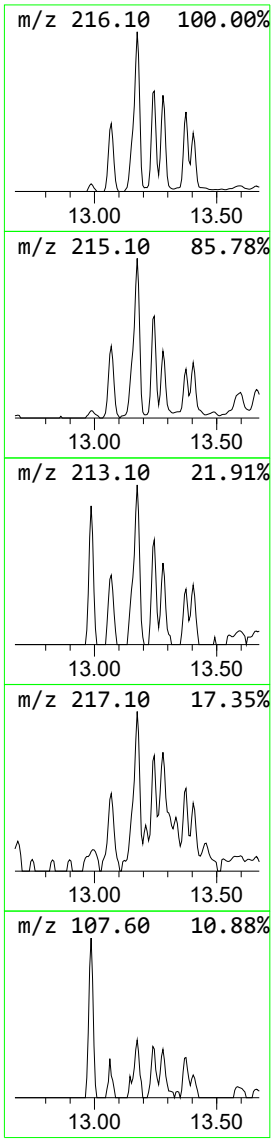
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.12 ng	78349	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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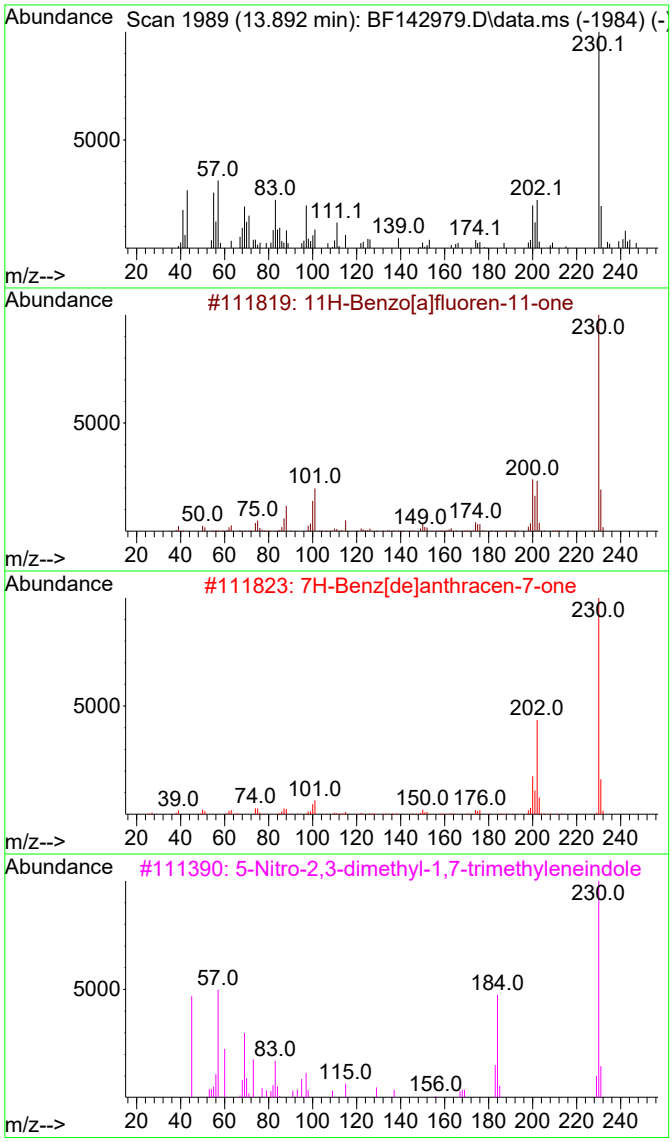
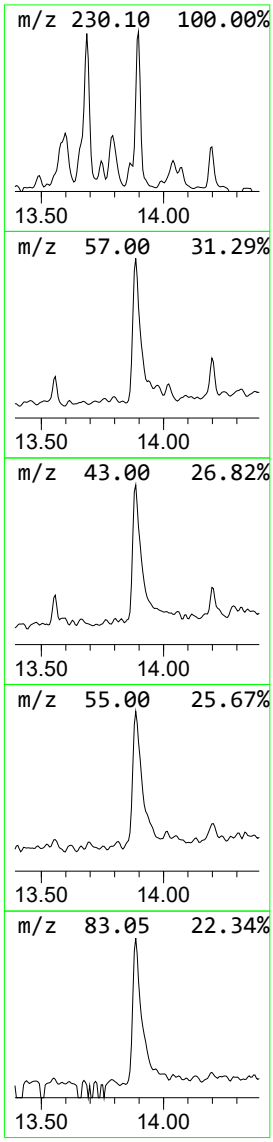
Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.28 ng	84163	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	92
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	47
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	46
5	p-Terphenyl	230	C18H14	000092-94-4	43





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Sample : Q2458-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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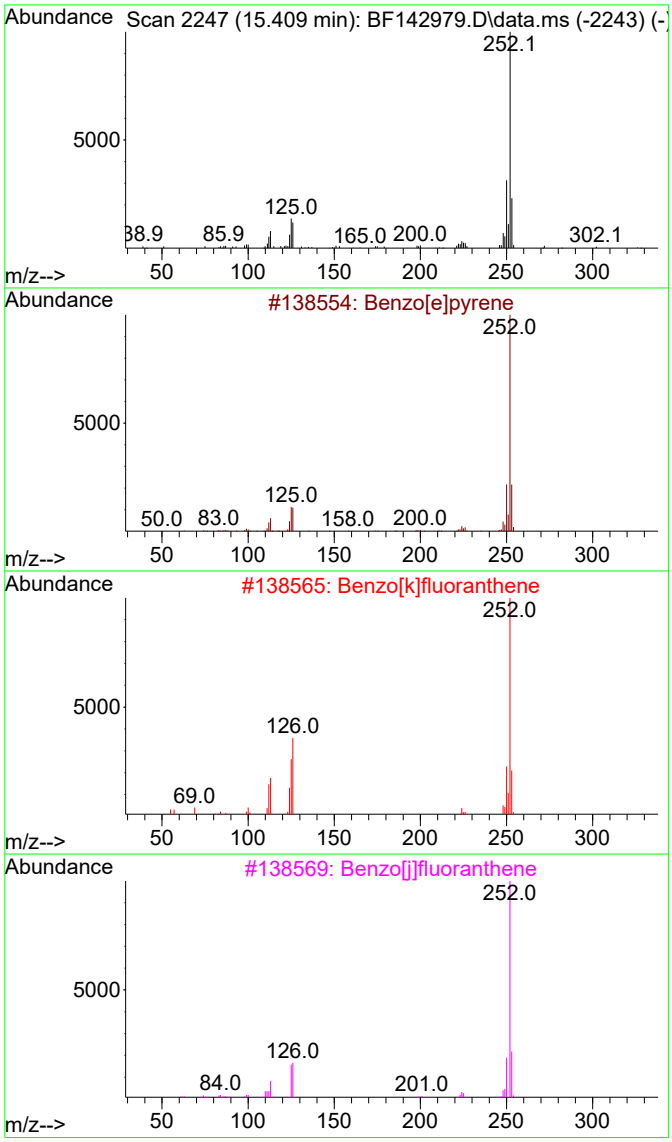
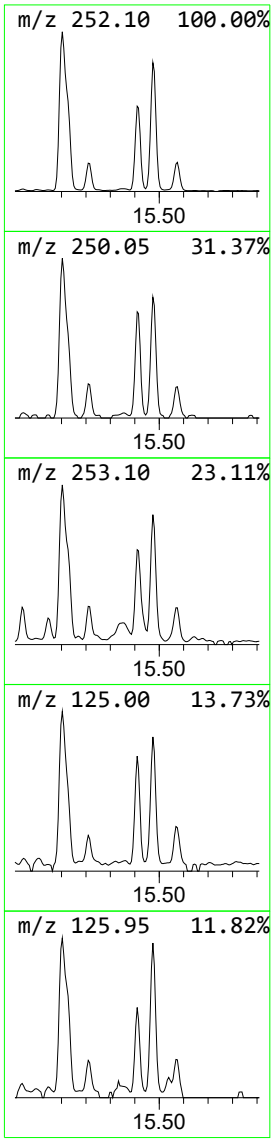
Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	5.18 ng	86159	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142979.D
Acq On : 02 Jul 2025 19:21
Operator : RC/JU
Sample : Q2458-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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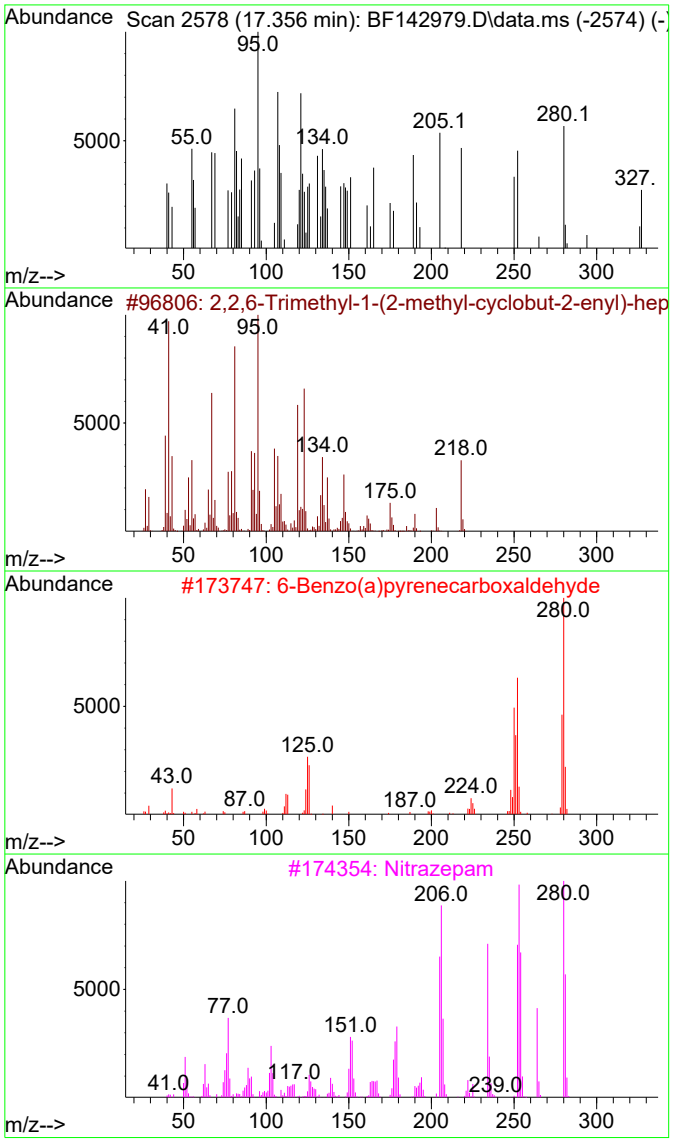
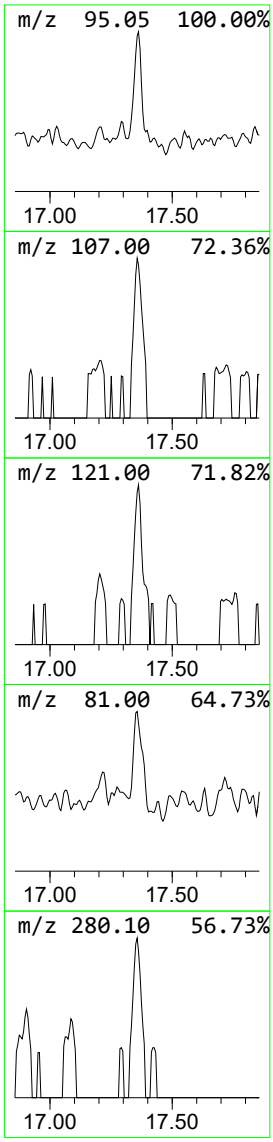
Peak Number 8 unknown17.356 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.356	2.44 ng	40557	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	30
2	6-Benzo(a)pyrenecarboxaldehyde	280	C21H12O	013312-42-0	15
3	Nitrazepam	281	C15H11N3O3	000146-22-5	14
4	2-Methyl-6-(4-methylcyclohexa-2,...	218	C15H22O	082508-15-4	10
5	5-Hydroxy-2-pyridinecarbaldehyde	123	C6H5NO2	031191-08-9	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142979.D
Acq On : 02 Jul 2025 19:21
Operator : RC/JU
Sample : Q2458-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-68

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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-...	5.081	5.7	ng	97569	1	6.869	343150	20.0
Benzophenone	10.621	4.8	ng	111726	3	9.910	469894	20.0
Anthracene, 1-m...	11.927	5.5	ng	138288	4	11.404	503280	20.0
4H-Cyclopenta[d...	12.016	3.8	ng	96099	4	11.404	503280	20.0
Pyrene, 1-methyl-	13.174	2.1	ng	78349	5	14.051	738677	20.0
11H-Benzo[a]flu...	13.892	2.3	ng	84163	5	14.051	738677	20.0
Benzo[e]pyrene	15.410	5.2	ng	86159	6	15.539	332413	20.0
unknown17.356	17.356	2.4	ng	40557	6	15.539	332413	20.0