LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135862.D
Acq On : 18 Oct 2023 22:58
Operator : CG\JU
Sample : 04882-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-228

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135862.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	485	489	508	rBV	480412	658326	30.62%	2.996%
2	5.381	556	560	584	rBV	1627162	2050395	95.36%	9.332%
3	5.763	621	625	632	rBV	18324	22803	1.06%	0.104%
4	6.392	729	732	760	rBV	2005555	2150226	100.00%	9.786%
5	6.739	788	791	803	rVB	630453	571179	26.56%	2.600%
6	7.310	884	888	902	rBV	1329970	1312063	61.02%	5.972%
7	8.016	1005	1008	1016	rBV	772368	681135	31.68%	3.100%
8	9.092	1188	1191	1195	rBV	2148597	1926752	89.61%	8.769%
9	9.210	1208	1211	1216	rBV2	30839	32996	1.53%	0.150%
10	9.639	1279	1284	1288	rBV	17717	23407	1.09%	0.107%
11	9.774	1303	1307	1311	rBV	843554	719784	33.47%	3.276%
12	9.810	1311	1313	1321	rVB	38569	37832	1.76%	0.172%
13	9.992	1340	1344	1347	rBV2	27977	31807	1.48%	0.145%
14	10.327	1398	1401	1408	rVB	49937	46918	2.18%	0.214%
15	10.574	1439	1443	1457	rBV	1302721	1318682	61.33%	6.002%
16	10.880	1488	1495	1498	rBV2	16143	24505	1.14%	0.112%
17	11.169	1539	1544	1550	rVB	23893	29998	1.40%	0.137%
18	11.269	1558	1561	1564	rBV	861453	768964	35.76%	3.500%
19	11.292	1564	1565	1571	rVV	385925	319615	14.86%	1.455%
20	11.351	1571	1575	1580	rVV	41881	45594	2.12%	0.208%
21	11.521	1598	1604	1608	rBV2	34952	46515	2.16%	0.212%
22	11.780	1644	1648	1650	rBV	73388	73084	3.40%	0.333%
23	11.804	1650	1652	1660	rVV2	398217	430417	20.02%	1.959%
24	11.886	1664	1666	1669	rVV	99578	109630	5.10%	0.499%
25	11.916	1669	1671	1676	rVB	49115	42742	1.99%	0.195%
26	12.074	1695	1698	1703	rVB	52126	46785	2.18%	0.213%
27	12.121	1703	1706	1713	rVB2	48474	59718	2.78%	0.272%
28	12.257	1726	1729	1732	rVB	30563	22224	1.03%	0.101%
29	12.333	1738	1742	1744	rBV	53735	55228	2.57%	0.251%
30	12.368	1744	1748	1750	rVV3	29619	38625	1.80%	0.176%
31	12.433	1754	1759	1766	rVB3	48723	71769	3.34%	0.327%
32	12.492	1766	1769	1775	rBV	769728	753146	35.03%	3.428%
33	12.592	1784	1786	1793	rBV	114269	137001	6.37%	0.624%
34	12.651	1793	1796	1799	rVV	48555	52368	2.44%	0.238%
35	12.727	1802	1809	1815	rVV	642885	705697	32.82%	3.212%
36	12.780	1815	1818	1822	rVB2	44220	45136	2.10%	0.205%

LSC Area Percent Report

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Misc :
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Instrument :
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VNJ-228

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.868	1828	1833	1836	rBV	1820809	1687838	78.50%	7.682%
38	12.904	1836	1839	1842	rVB	44247	43940	2.04%	0.200%
39	12.945	1842	1846	1852	rVB2	53957	89463	4.16%	0.407%
40	13.033	1857	1861	1864	rBV4	52732	86654	4.03%	0.394%
41	13.057	1864	1865	1869	rVB	74275	61893	2.88%	0.282%
42	13.127	1874	1877	1879	rVB2	45594	38729	1.80%	0.176%
43	13.163	1879	1883	1890	rBV3	91971	144928	6.74%	0.660%
44	13.257	1896	1899	1902	rBV	58389	55884	2.60%	0.254%
45	13.292	1902	1905	1908	rBV2	42186	44981	2.09%	0.205%
46	13.439	1926	1930	1932	rBV3	32576	34238	1.59%	0.156%
47	13.586	1950	1955	1961	rVB	68431	83616	3.89%	0.381%
48	13.692	1968	1973	1974	rBV	62831	73225	3.41%	0.333%
49	13.704	1974	1975	1978	rVV	58500	51615	2.40%	0.235%
50	13.739	1978	1981	1983	rVV	55922	53913	2.51%	0.245%
51	13.762	1983	1985	1988	rVV3	35483	40315	1.87%	0.183%
52	13.798	1988	1991	1995	rVV2	63034	67550	3.14%	0.307%
53	13.857	1995	2001	2005	rVV4	34483	72476	3.37%	0.330%
54	13.904	2006	2009	2010	rVV	45033	44460	2.07%	0.202%
55	13.939	2010	2015	2017	rVV2	534534	719431	33.46%	3.274%
56	13.962	2017	2019	2023	rVV	279405	274413	12.76%	1.249%
57	14.027	2027	2030	2031	rVV	38245	37899	1.76%	0.172%
58	14.045	2031	2033	2036	rVB	54571	47989	2.23%	0.218%
59	14.086	2037	2040	2042	rBV4	25037	29289	1.36%	0.133%
60	14.110	2042	2044	2050	rVB5	20122	26351	1.23%	0.120%
61	14.157	2050	2052	2055	rBV2	26674	26708	1.24%	0.122%
62	14.333	2077	2082	2085	rBV	55299	78543	3.65%	0.357%
63	14.368	2085	2088	2090	rBV2	26166	27516	1.28%	0.125%
64	14.398	2090	2093	2097	rBV4	55737	68399	3.18%	0.311%
65	14.457	2101	2103	2105	rBV2	30389	28140	1.31%	0.128%
66	14.557	2117	2120	2125	rBV	93873	98665	4.59%	0.449%
67	14.674	2134	2140	2143	rBV5	52369	105513	4.91%	0.480%
68	14.839	2163	2168	2171	rBV3	46679	71334	3.32%	0.325%
69	14.927	2180	2183	2189	rVB4	21852	32880	1.53%	0.150%
70	14.986	2189	2193	2196	rBV	341115	465859	21.67%	2.120%
71	15.015	2196	2198	2204	rVB2	163319	192937	8.97%	0.878%
72	15.098	2209	2212	2219	rBV	41892	52755	2.45%	0.240%
73	15.186	2224	2227	2228	rBV3	23321	22298	1.04%	0.101%
74	15.292	2241	2245	2252	rVB	196611	245182	11.40%	1.116%
75	15.357	2252	2256	2261	rBV	190591	230876	10.74%	1.051%
76	15.415	2261	2266	2270	rBV	473648	564184	26.24%	2.568%

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ClientSampleId :
VNJ-228

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

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77	15.845	2336	2339	2343	rBV4	16879	22274	1.04%	0.101%
78	16.933	2518	2524	2532	rVB	77544	156752	7.29%	0.713%
79	17.386	2596	2601	2610	rBV	46104	106745	4.96%	0.486%

Sum of corrected areas: 21971716

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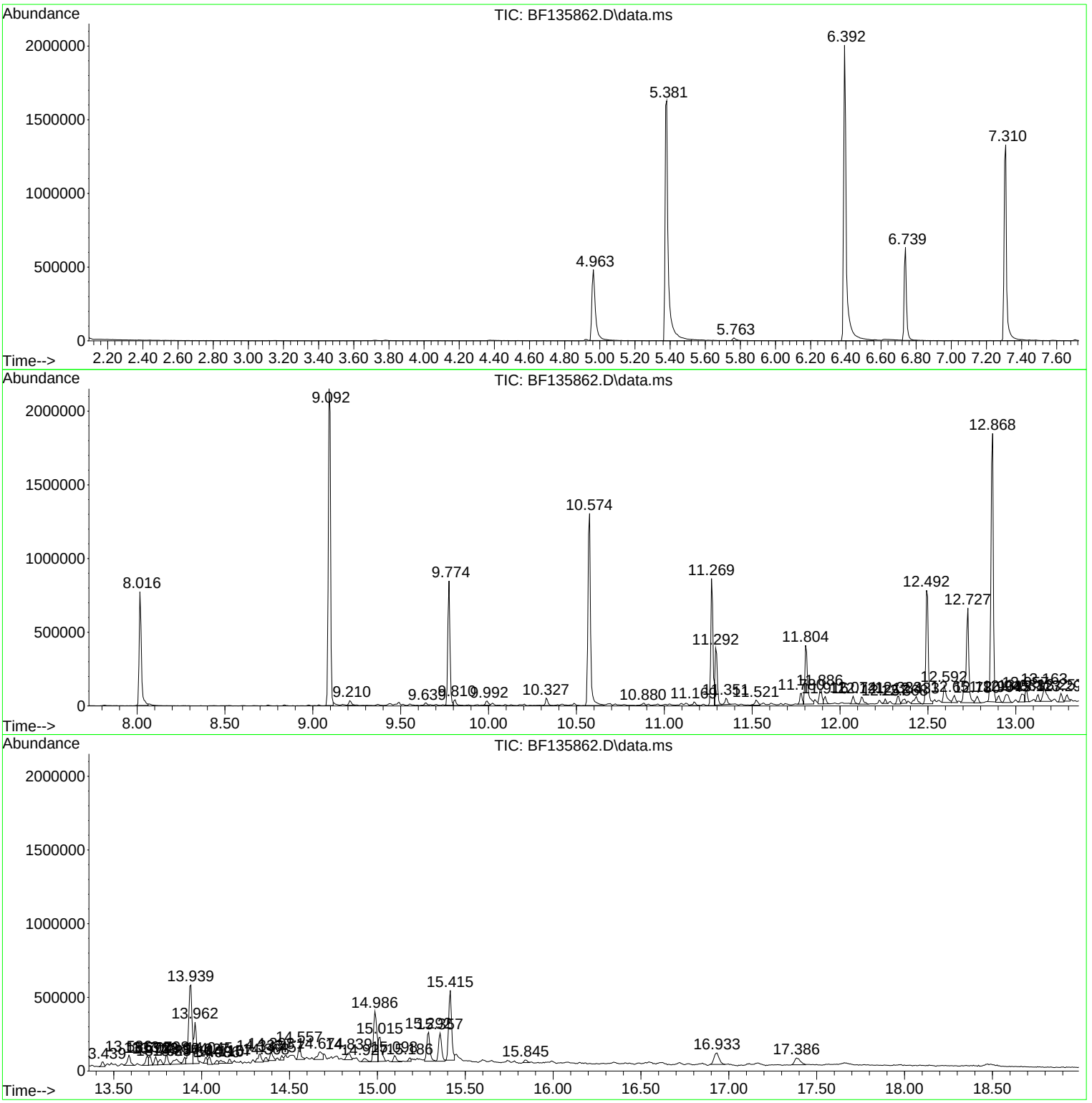
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
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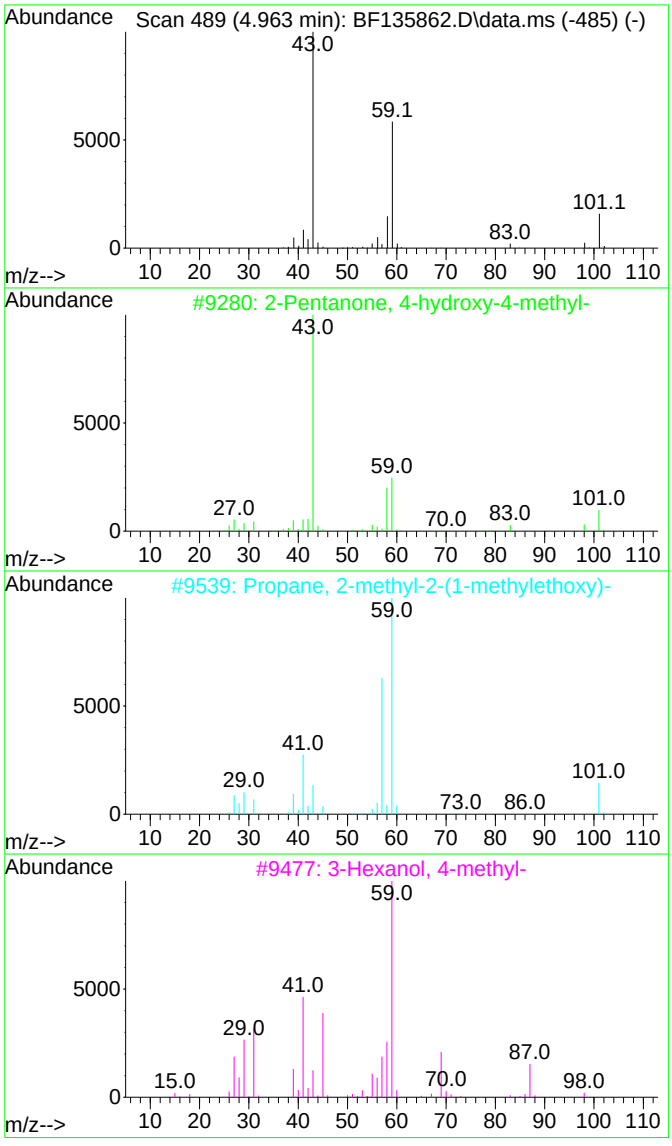
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

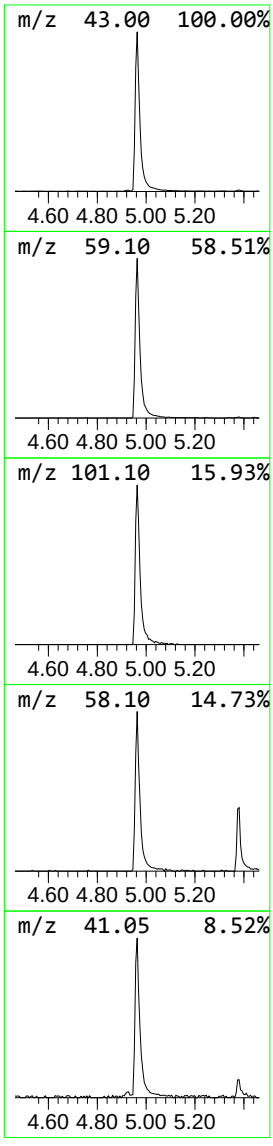
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	23.05 ng	658326	1,4-Dichlorobenzene-d4	6.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

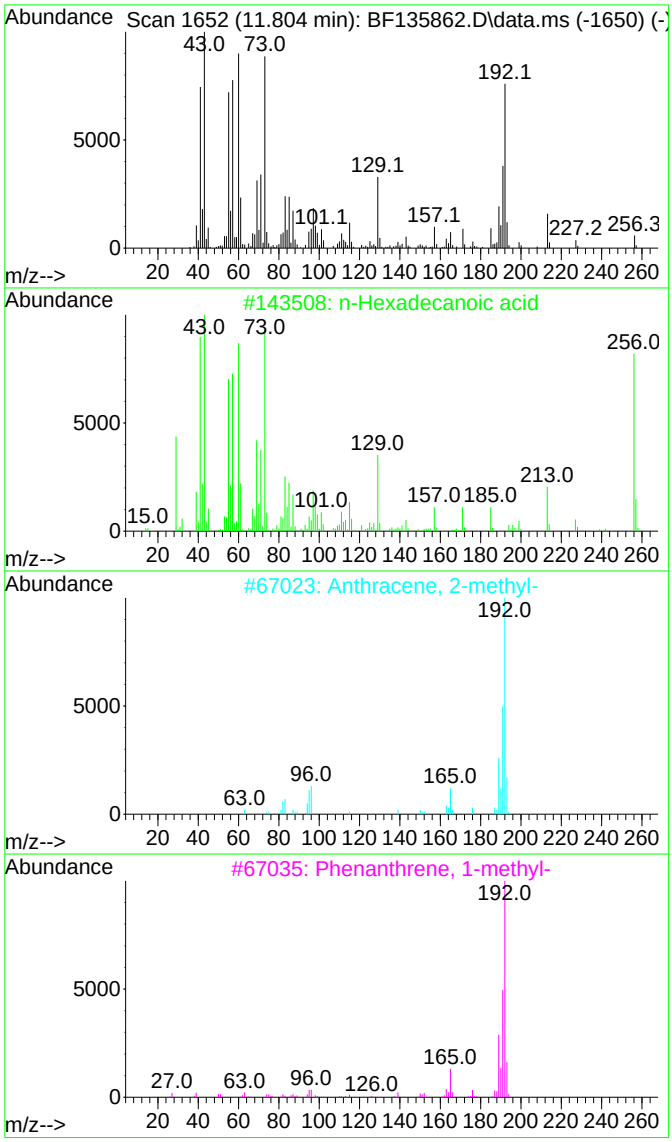
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

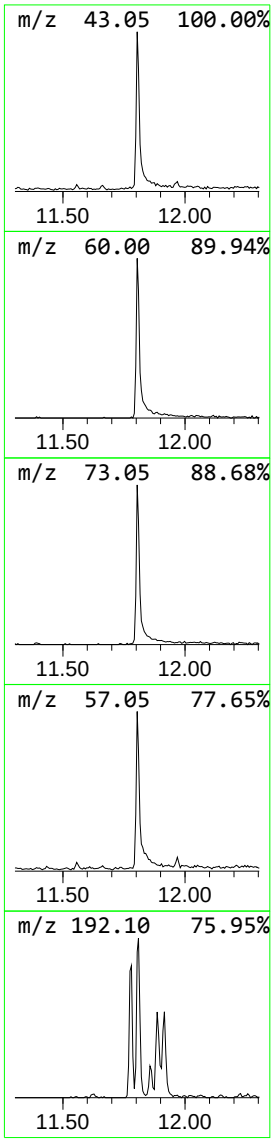
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	11.19 ng	430417	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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Instrument :
BNA_F
ClientSampleId :
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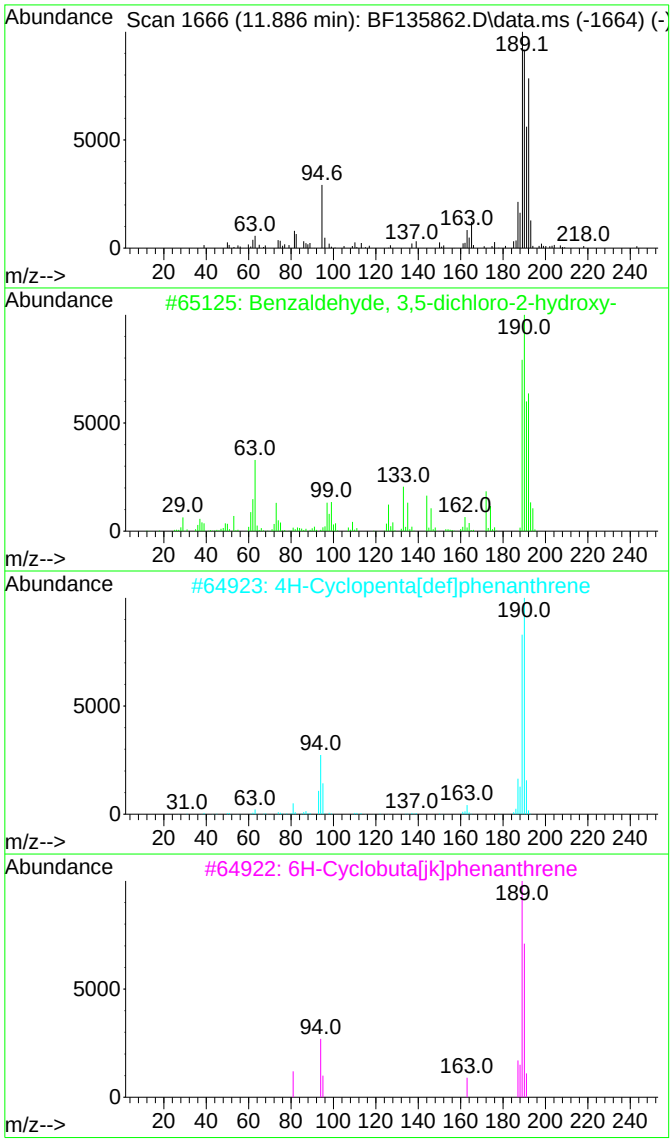
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

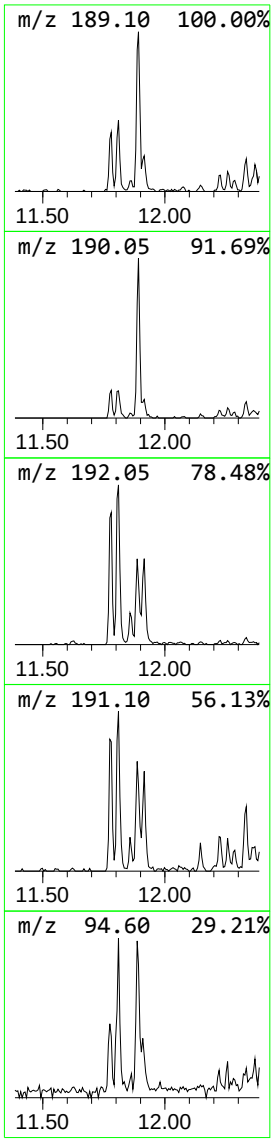
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.85 ng	109630	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
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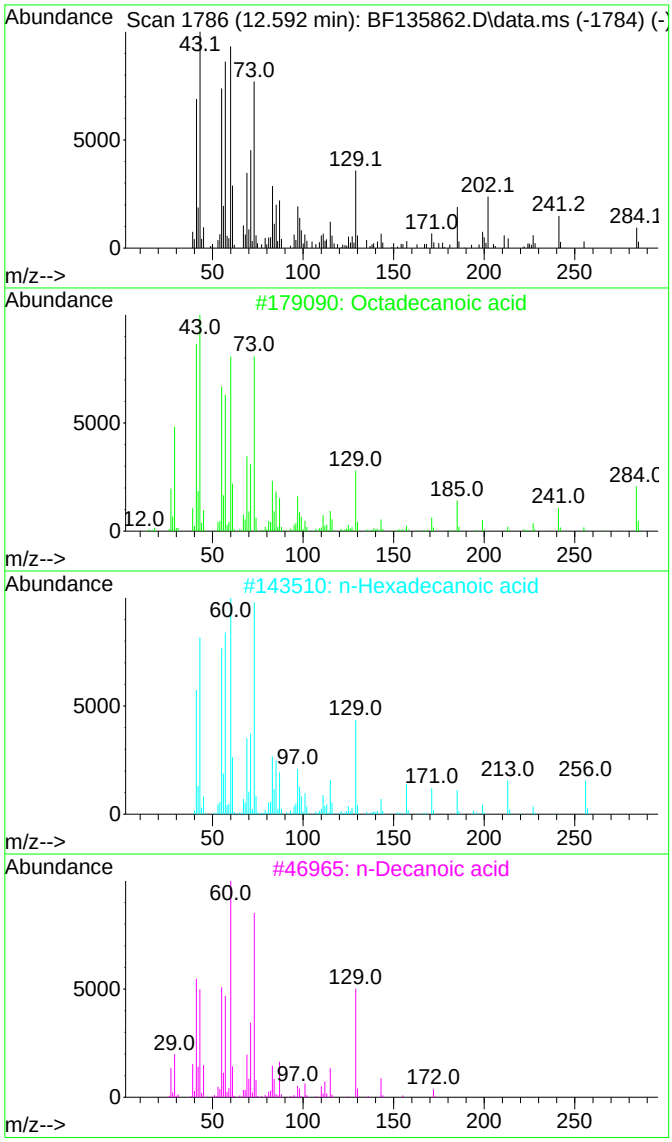
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

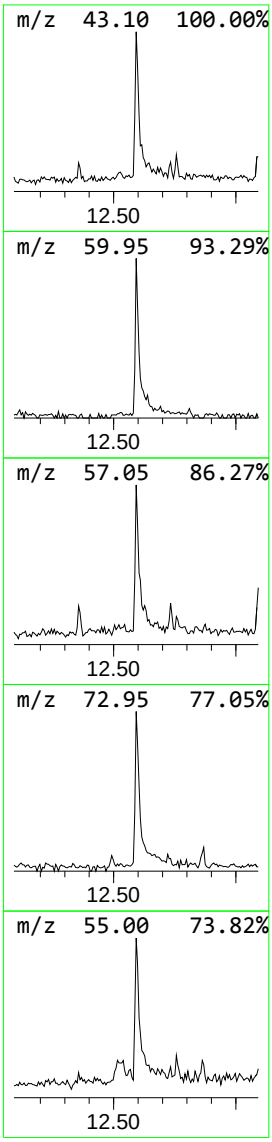
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	3.56 ng	137001	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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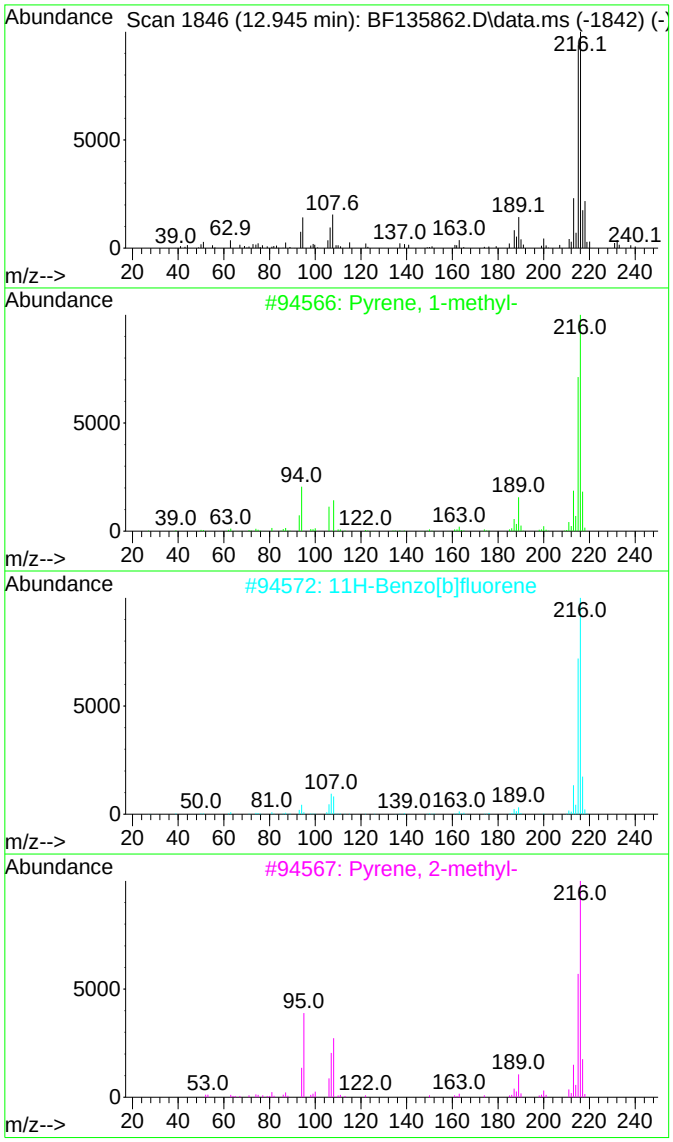
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

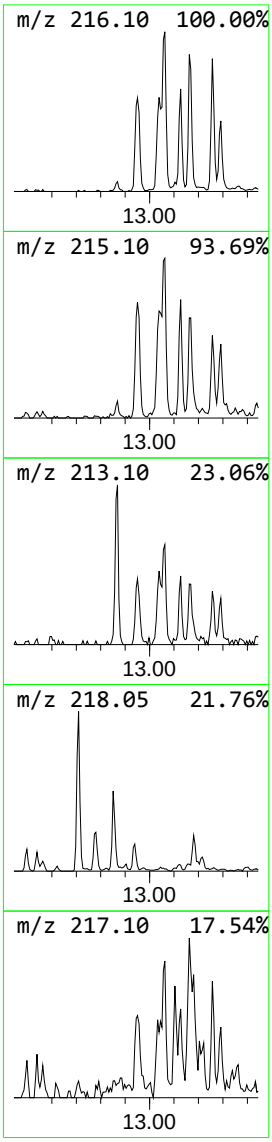
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	2.49 ng	89463	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Sample : 04882-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-228

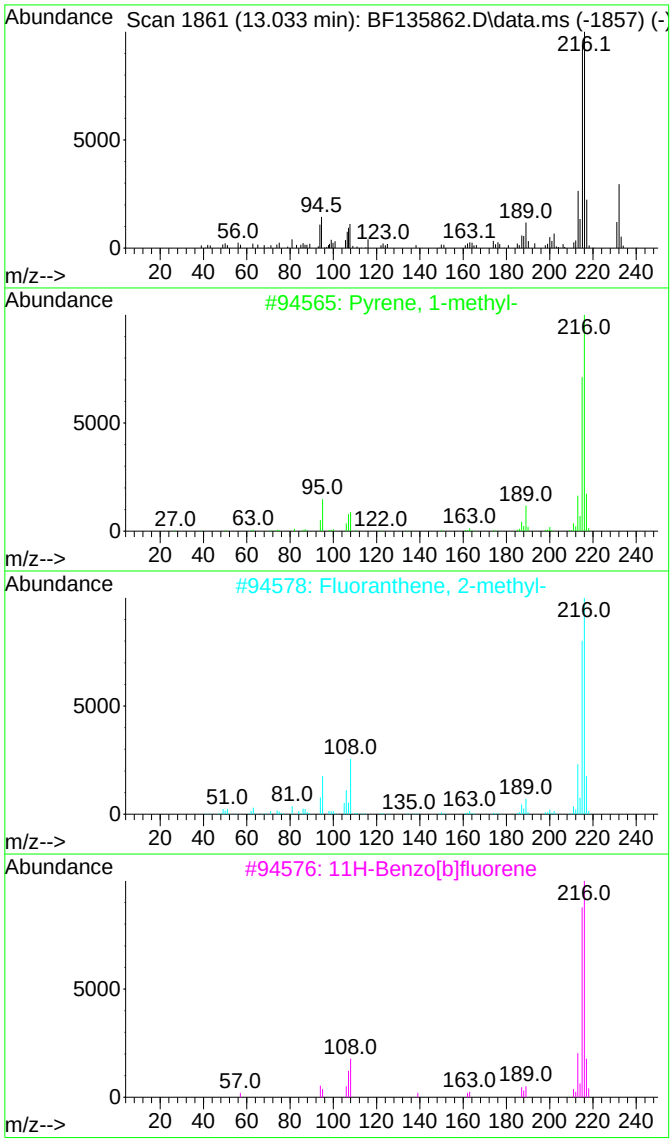
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

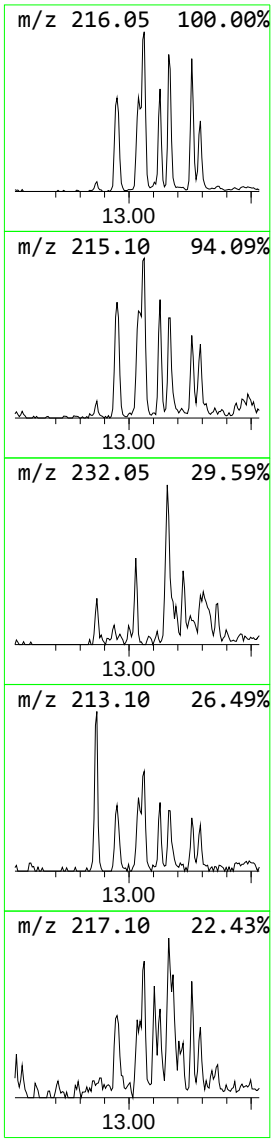
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	2.41 ng	86654	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135862.D
Acq On : 18 Oct 2023 22:58
Operator : CG\JU
Sample : 04882-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

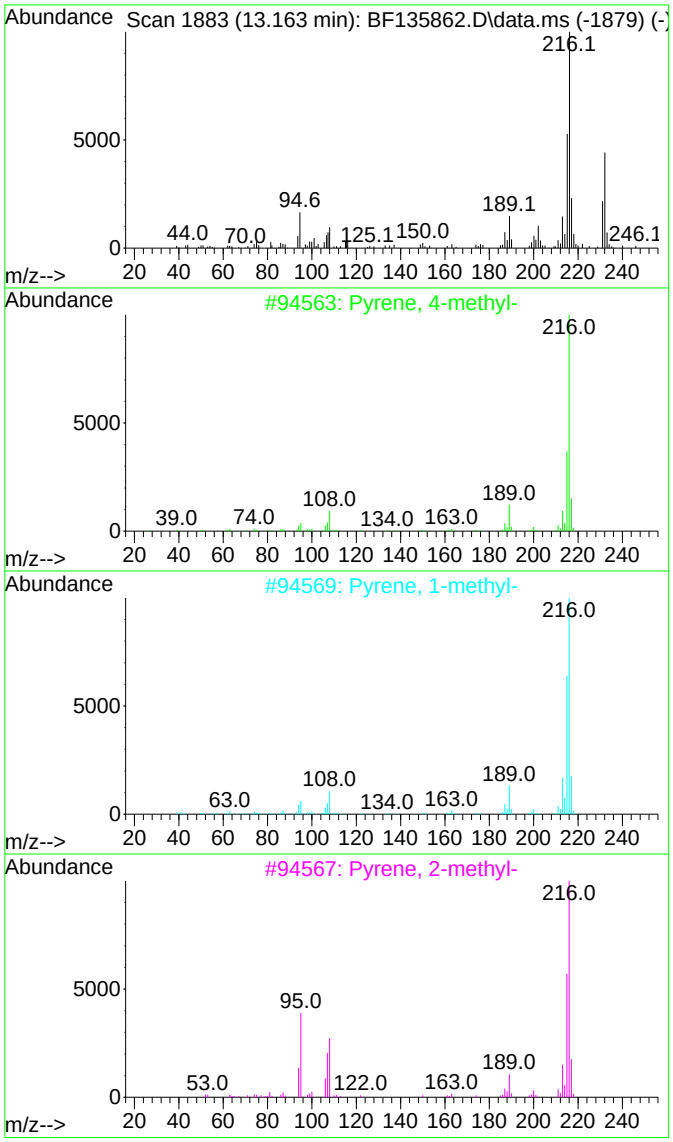
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

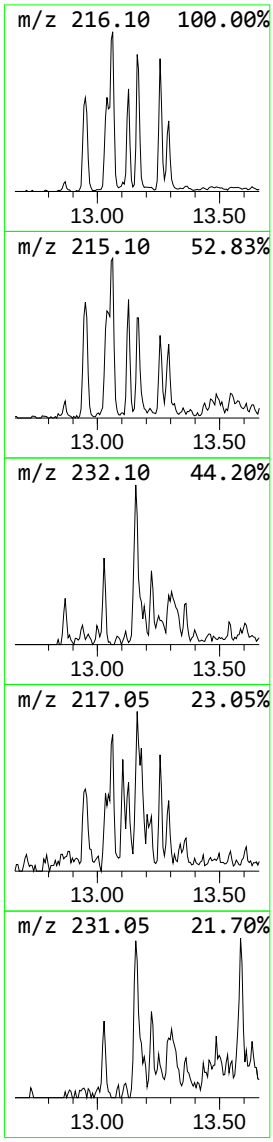
****

Peak Number 7 Pyrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.03 ng	144928	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	53
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49





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Acq On : 18 Oct 2023 22:58
Operator : CG\JU
Sample : 04882-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-228

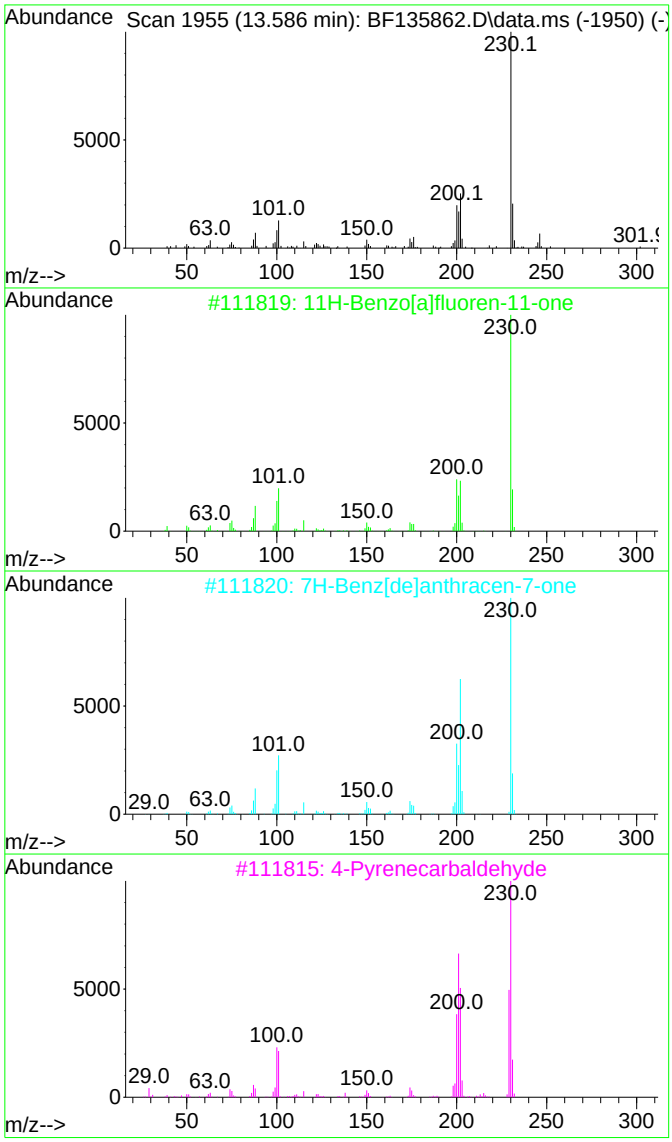
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

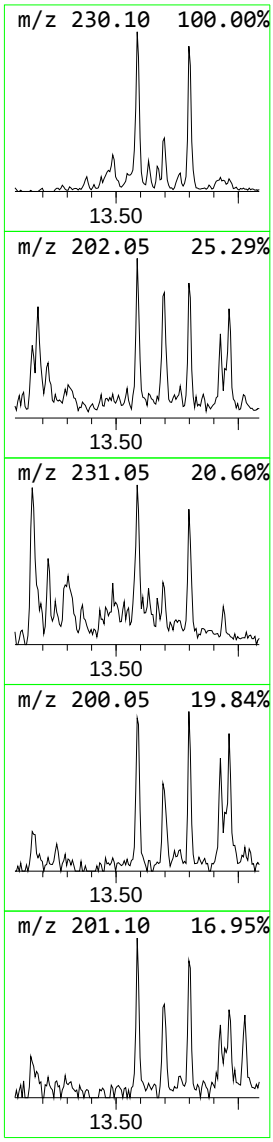
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.586	2.32 ng	83616	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	86
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	64





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Sample : 04882-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
VNJ-228

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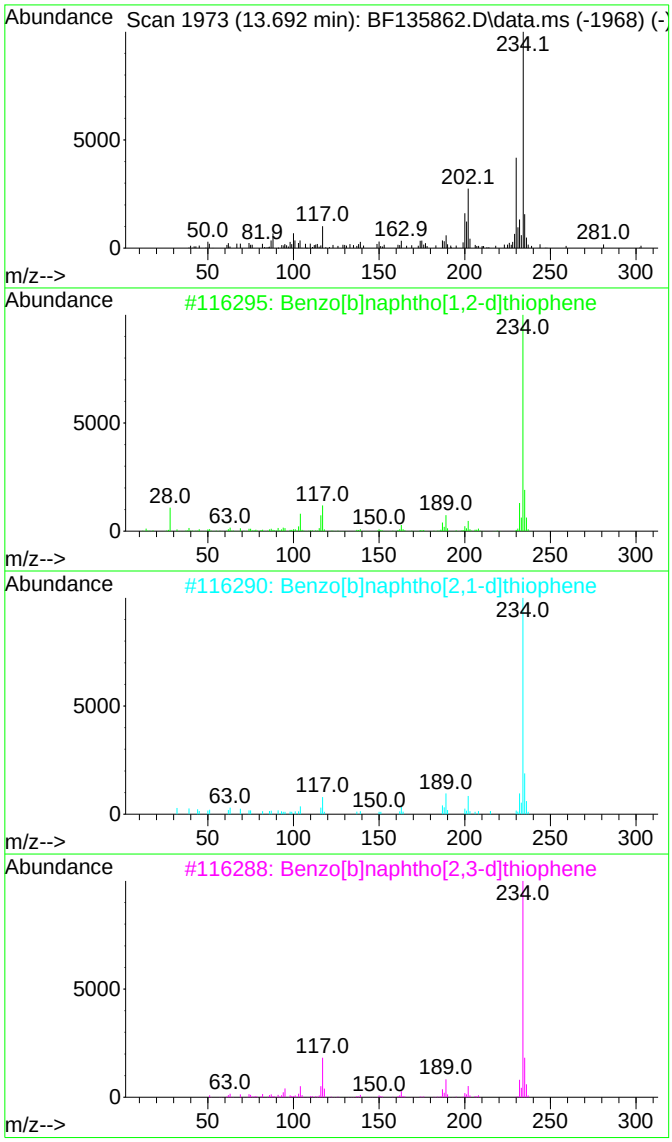
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

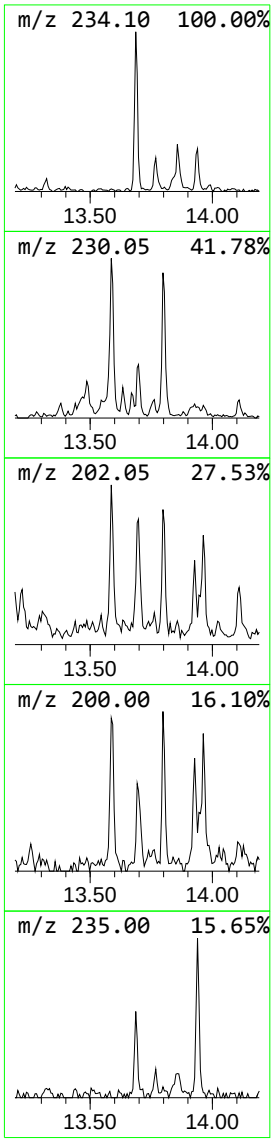
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]naphtho[1,2-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.692	2.04 ng	73225	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	50
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	49
4	N-(4-Methylphenyl)quinolin-4-amine	234	C16H14N2	1000484-32-8	43
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	43





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Sample : 04882-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
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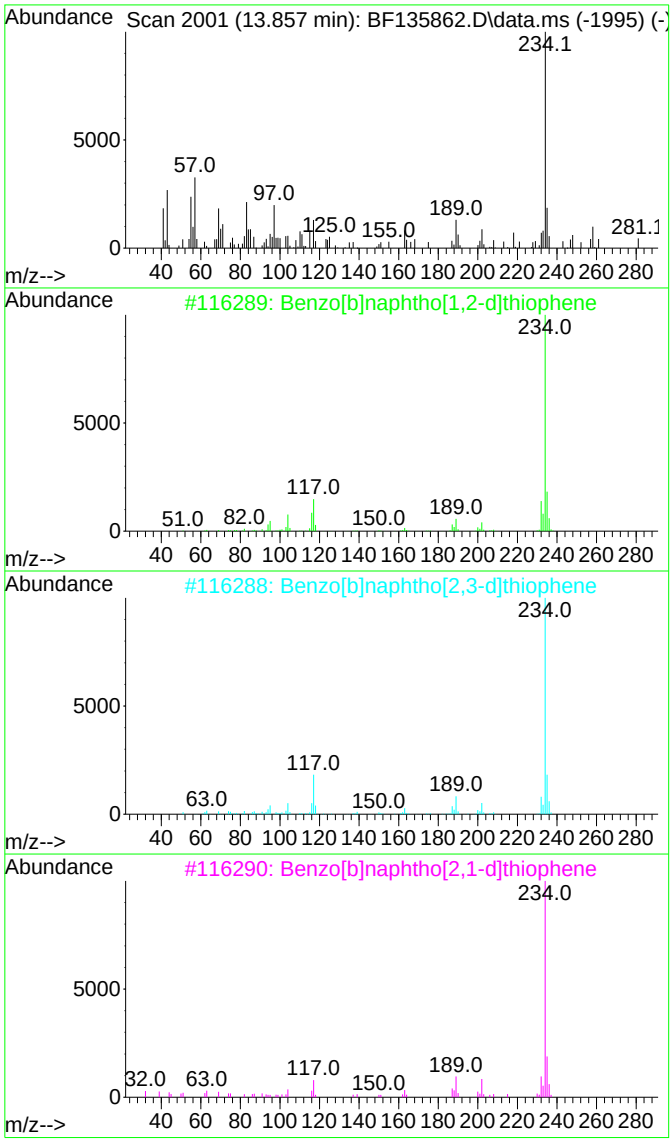
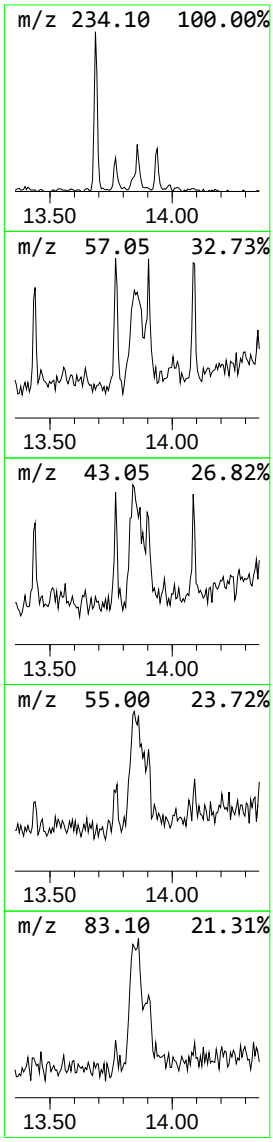
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	2.01 ng	72476	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	53
5	3-pyrazolidinone, 1-(3-ethoxyphe...	234	C13H18N2O2	1000396-41-6	52





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Operator : CG\JU
Sample : 04882-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

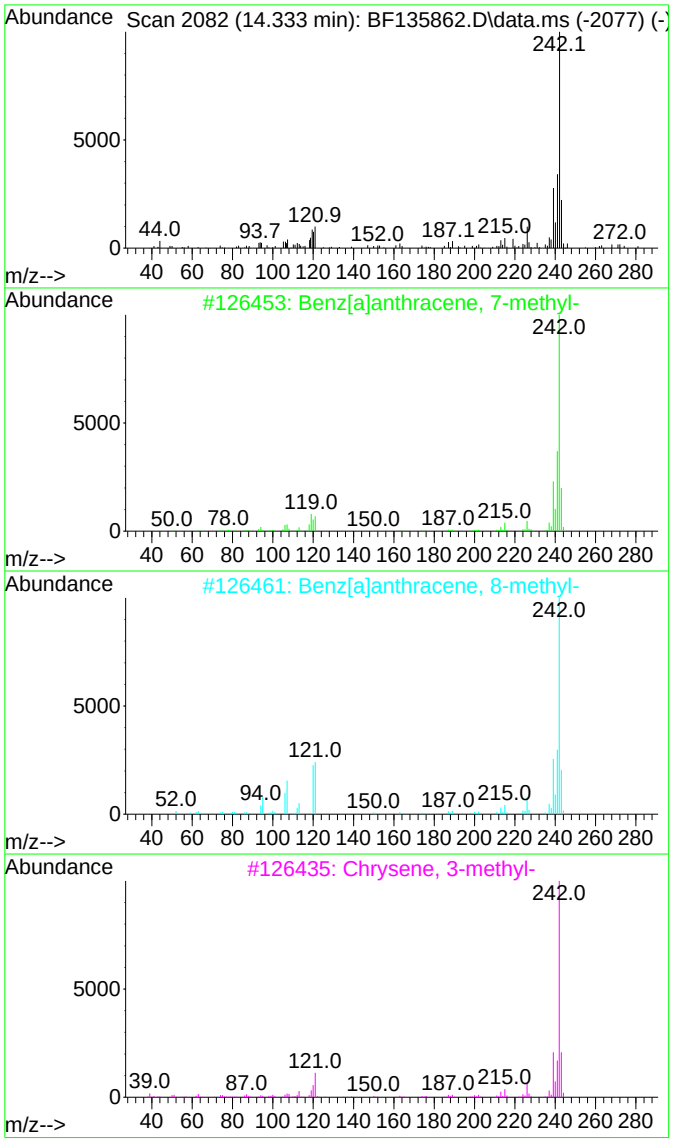
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

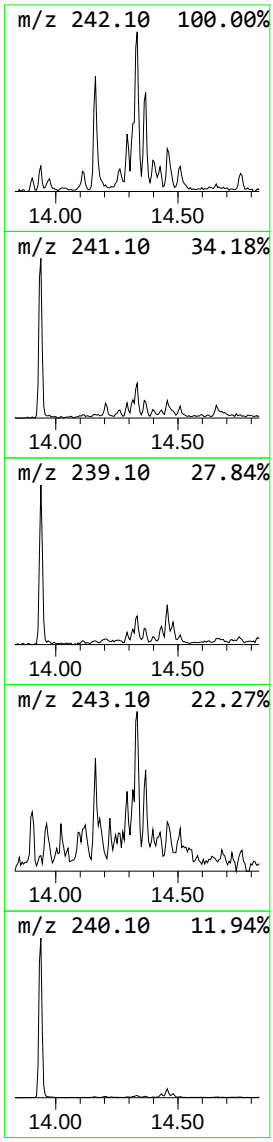
****

Peak Number 11 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.333	2.18 ng	78543	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





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Data File : BF135862.D
Acq On : 18 Oct 2023 22:58
Operator : CG\JU
Sample : 04882-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-228

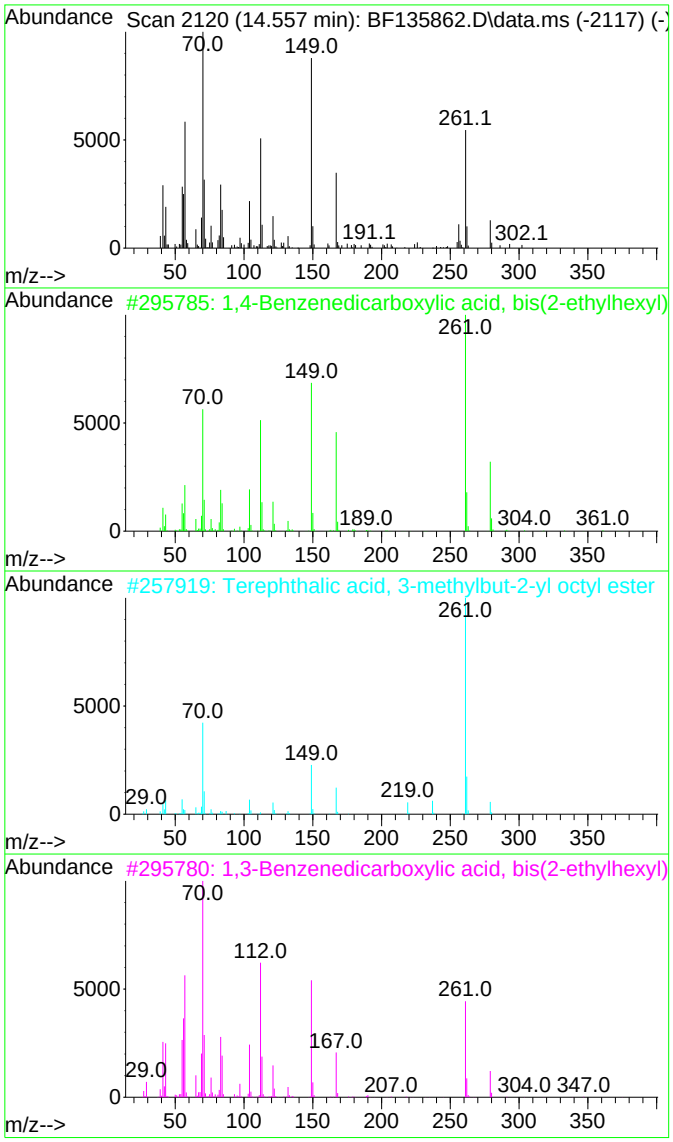
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

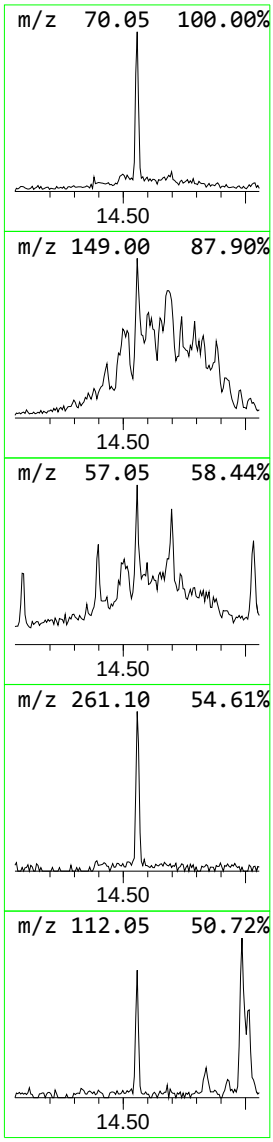
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,4-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	2.74 ng	98665	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	62
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	46
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
4	Phthalic acid, 3,5-difluoropheny...	390	C22H24F2O4	1000315-51-3	35
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	27





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Operator : CG\JU
Sample : 04882-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
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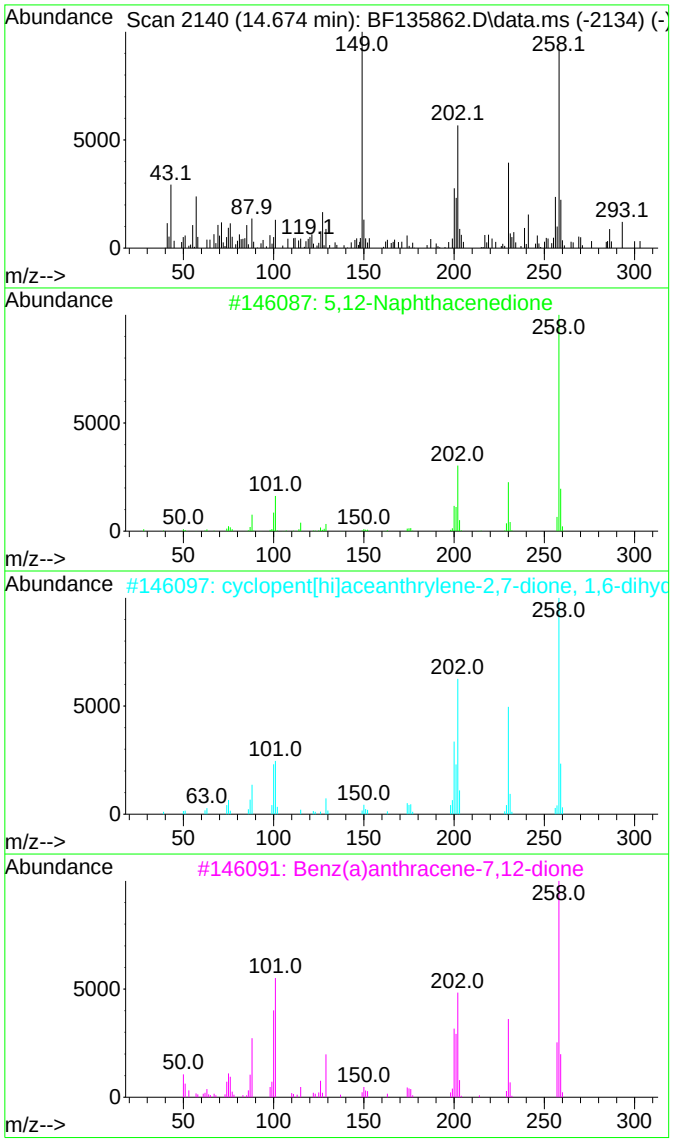
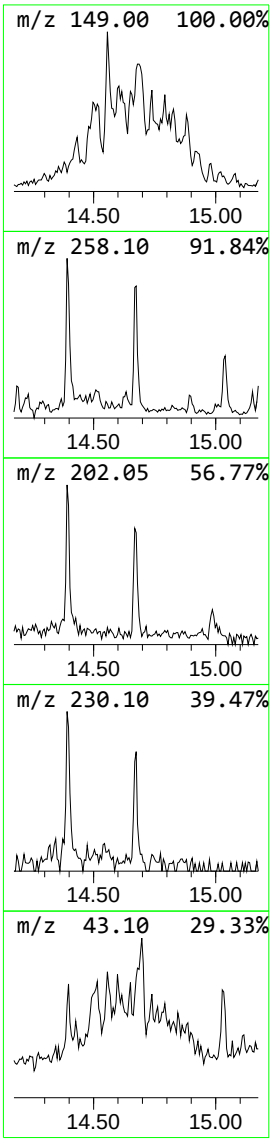
Peak Number 13 5,12-Naphthacenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	2.93 ng	105513	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	92
2	cyclopent[hi]aceanthrylene-2,7-d...	258	C18H10O2	1000396-75-6	83
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	64
4	Benzo[1,2-b:5,4-b']bisbenzofuran	258	C18H10O2	000241-36-1	22
5	3-(7-Methoxy-1,3-benzodioxol-5-y...	258	C15H14O4	1542386-39-9	18





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Misc :
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Instrument :
BNA_F
ClientSampleId :
VNJ-228

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
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TIC Library : C:\Database\NIST20.L
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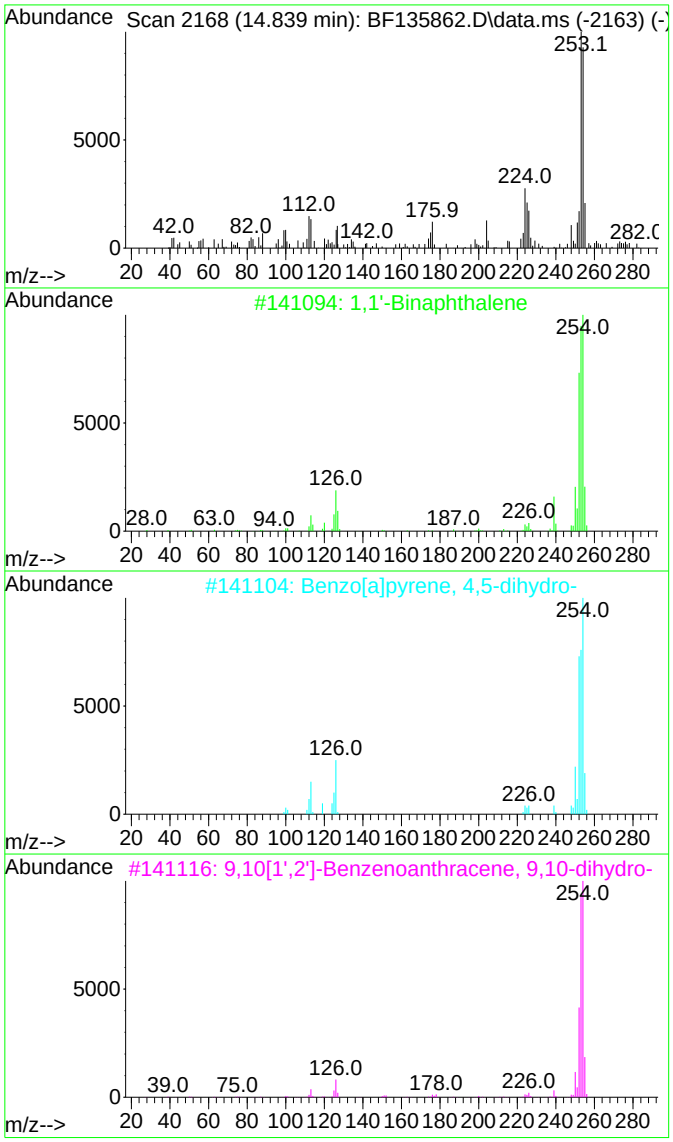
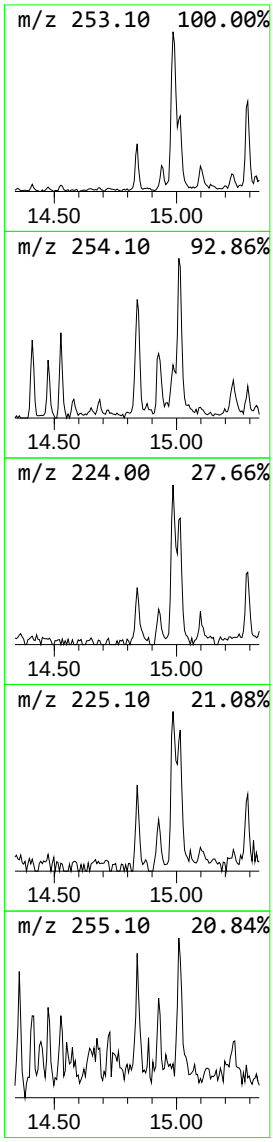
****

Peak Number 14 1,1'-Binaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	2.53 ng	71334	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	72
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	72
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	64





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Instrument :
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ClientSampleId :
VNJ-228

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TIC Library : C:\Database\NIST20.L
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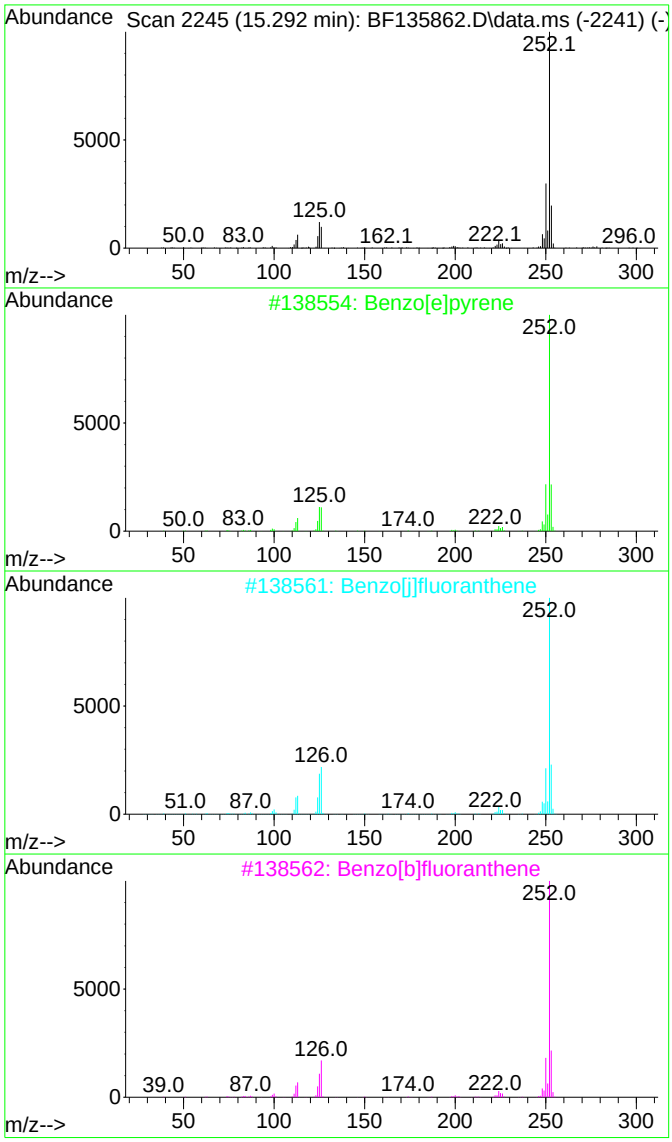
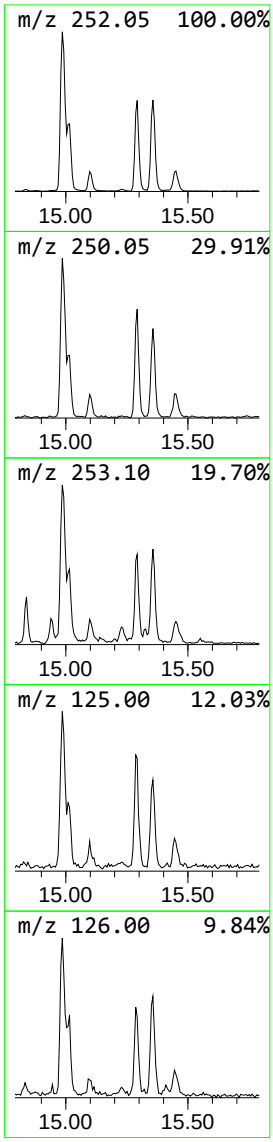
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	8.69 ng	245182	Perylene-d12	15.415

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





Tentatively Identified Compound (LSC) summary

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Data File : BF135862.D
Acq On : 18 Oct 2023 22:58
Operator : CG\JU
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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
2-Pentanone, 4-...	4.963	23.1	ng	658326	1	6.739	571179	20.0
n-Hexadecanoic ...	11.804	11.2	ng	430417	4	11.269	768964	20.0
Benzaldehyde, 3...	11.886	2.9	ng	109630	4	11.269	768964	20.0
Octadecanoic acid	12.592	3.6	ng	137001	4	11.269	768964	20.0
Pyrene, 1-methyl-	12.945	2.5	ng	89463	5	13.939	719431	20.0
Fluoranthene, 2...	13.033	2.4	ng	86654	5	13.939	719431	20.0
Pyrene, 4-methyl-	13.163	4.0	ng	144928	5	13.939	719431	20.0
11H-Benzo[a]flu...	13.586	2.3	ng	83616	5	13.939	719431	20.0
Benzo[b]naphtho...	13.692	2.0	ng	73225	5	13.939	719431	20.0
Benzo[b]naphtho...	13.857	2.0	ng	72476	5	13.939	719431	20.0
Benz[a]anthrace...	14.333	2.2	ng	78543	5	13.939	719431	20.0
1,4-Benzenedica...	14.557	2.7	ng	98665	5	13.939	719431	20.0
5,12-Naphthacen...	14.674	2.9	ng	105513	5	13.939	719431	20.0
1,1'-Binaphthalene	14.839	2.5	ng	71334	6	15.415	564184	20.0
Benzo[e]pyrene	15.292	8.7	ng	245182	6	15.415	564184	20.0