LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126232.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	3	11	16	rVB	243682	329418	5.13%	0.308%
2	4.410	391	395	400	rBV	448840	511824	7.96%	0.479%
3	5.045	495	503	514	rVB	3005046	4609023	71.71%	4.313%
4	5.439	564	570	573	rBV	5445688	6120589	95.23%	5.728%
5	5.834	634	637	641	rVB	461740	358238	5.57%	0.335%
6	6.445	734	741	744	rBV	5171299	6427074	100.00%	6.014%
7	6.816	800	804	807	rBV	1651229	1281050	19.93%	1.199%
8	7.381	893	900	903	rBV	4090066	4313519	67.11%	4.037%
9	8.004	1002	1006	1010	rBV	346213	301355	4.69%	0.282%
10	8.098	1017	1022	1024	rBV	2099916	1858243	28.91%	1.739%
11	8.122	1024	1026	1029	rVV	921989	706270	10.99%	0.661%
12	8.810	1139	1143	1147	rBV	868440	667161	10.38%	0.624%
13	8.910	1155	1160	1163	rVB	539516	428732	6.67%	0.401%
14	9.180	1200	1206	1209	rBV	5920807	5728988	89.14%	5.361%
15	9.275	1215	1222	1224	rBV2	273971	255184	3.97%	0.239%
16	9.433	1244	1249	1253	rBV	153453	205478	3.20%	0.192%
17	9.510	1257	1262	1265	rVV	242176	251542	3.91%	0.235%
18	9.710	1293	1296	1302	rVB	311508	266945	4.15%	0.250%
19	9.851	1314	1320	1323	rBV	1960995	1747983	27.20%	1.636%
20	9.886	1323	1326	1329	rVB	1984375	1548833	24.10%	1.449%
21	10.057	1351	1355	1358	rBV	921880	746464	11.61%	0.699%
22	10.398	1410	1413	1419	rVB	1317415	1085995	16.90%	1.016%
23	10.557	1438	1440	1445	rVB2	224165	186568	2.90%	0.175%
24	10.639	1449	1454	1457	rVV	3218521	3052057	47.49%	2.856%
25	10.763	1469	1475	1483	rVB4	274363	373895	5.82%	0.350%
26	10.945	1499	1506	1509	rBV3	226462	287972	4.48%	0.269%
27	11.186	1543	1547	1550	rBV2	122068	179168	2.79%	0.168%
28	11.233	1553	1555	1560	rVB	224279	225539	3.51%	0.211%
29	11.298	1560	1566	1569	rBV3	263448	325017	5.06%	0.304%
30	11.333	1569	1572	1574	rBV	1269292	1241226	19.31%	1.162%
31	11.363	1574	1577	1580	rVV	2997571	2514648	39.13%	2.353%
32	11.410	1582	1585	1588	rVB	667685	517519	8.05%	0.484%
33	11.445	1588	1591	1595	rBV2	253851	269393	4.19%	0.252%
34	11.563	1605	1611	1614	rBV3	421923	550658	8.57%	0.515%
35	11.633	1621	1623	1627	rVB2	243370	207462	3.23%	0.194%
36	11.839	1653	1658	1660	rBV2	266310	296365	4.61%	0.277%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.863	1660	1662	1667	rVB	508000	451060	7.02%	0.422%
38	11.910	1667	1670	1673	rVB2	283426	293661	4.57%	0.275%
39	11.951	1673	1677	1679	rBV2	740821	791120	12.31%	0.740%
40	12.051	1691	1694	1699	rVB5	127758	228376	3.55%	0.214%
41	12.133	1705	1708	1710	rBV	347632	312197	4.86%	0.292%
42	12.151	1710	1711	1715	rVB	318042	218220	3.40%	0.204%
43	12.286	1728	1734	1736	rBV3	238232	291017	4.53%	0.272%
44	12.339	1740	1743	1747	rVB2	183768	188337	2.93%	0.176%
45	12.386	1747	1751	1754	rBV2	321524	337814	5.26%	0.316%
46	12.421	1754	1757	1763	rBV3	193887	363065	5.65%	0.340%
47	12.468	1763	1765	1770	rVB	592950	555210	8.64%	0.520%
48	12.557	1775	1780	1783	rBV	4415813	4610692	71.74%	4.315%
49	12.598	1783	1787	1793	rVV2	196398	291619	4.54%	0.273%
50	12.698	1798	1804	1806	rBV3	180727	299314	4.66%	0.280%
51	12.786	1812	1819	1822	rBV2	4766114	6117976	95.19%	5.725%
52	12.821	1824	1825	1831	rVB2	192360	253691	3.95%	0.237%
53	12.892	1834	1837	1839	rBV	397017	373213	5.81%	0.349%
54	12.927	1839	1843	1846	rVV	3635105	3534907	55.00%	3.308%
55	12.998	1849	1855	1858	rBV4	671451	938553	14.60%	0.878%
56	13.080	1866	1869	1871	rBV2	563300	677027	10.53%	0.634%
57	13.104	1871	1873	1876	rVB	961054	890630	13.86%	0.833%
58	13.168	1881	1884	1887	rBV	824391	780156	12.14%	0.730%
59	13.210	1887	1891	1893	rBV2	869400	955206	14.86%	0.894%
60	13.233	1893	1895	1898	rVB	314405	257387	4.00%	0.241%
61	13.298	1904	1906	1909	rBV	433828	399447	6.22%	0.374%
62	13.327	1909	1911	1915	rBV2	393044	463558	7.21%	0.434%
63	13.480	1934	1937	1940	rBV3	173838	258330	4.02%	0.242%
64	13.533	1943	1946	1948	rVV	219812	253679	3.95%	0.237%
65	13.610	1952	1959	1964	rVB	520203	828324	12.89%	0.775%
66	13.721	1974	1978	1981	rBV2	632968	740295	11.52%	0.693%
67	13.751	1981	1983	1985	rVV	628011	551590	8.58%	0.516%
68	13.774	1985	1987	1991	rVV2	822622	841295	13.09%	0.787%
69	13.815	1991	1994	2000	rVB3	471156	719174	11.19%	0.673%
70	13.868	2000	2003	2005	rBV	224265	196760	3.06%	0.184%
71	13.968	2013	2020	2023	rBV2	2673644	4170558	64.89%	3.903%
72	14.004	2023	2026	2031	rVB	3031626	3521640	54.79%	3.295%
73	14.080	2037	2039	2041	rBV	360981	257345	4.00%	0.241%
74	14.186	2054	2057	2062	rBV2	357216	371879	5.79%	0.348%
75	14.327	2078	2081	2082	rBV	193365	200194	3.11%	0.187%
76	14.362	2082	2087	2089	rVV	577450	766660	11.93%	0.717%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

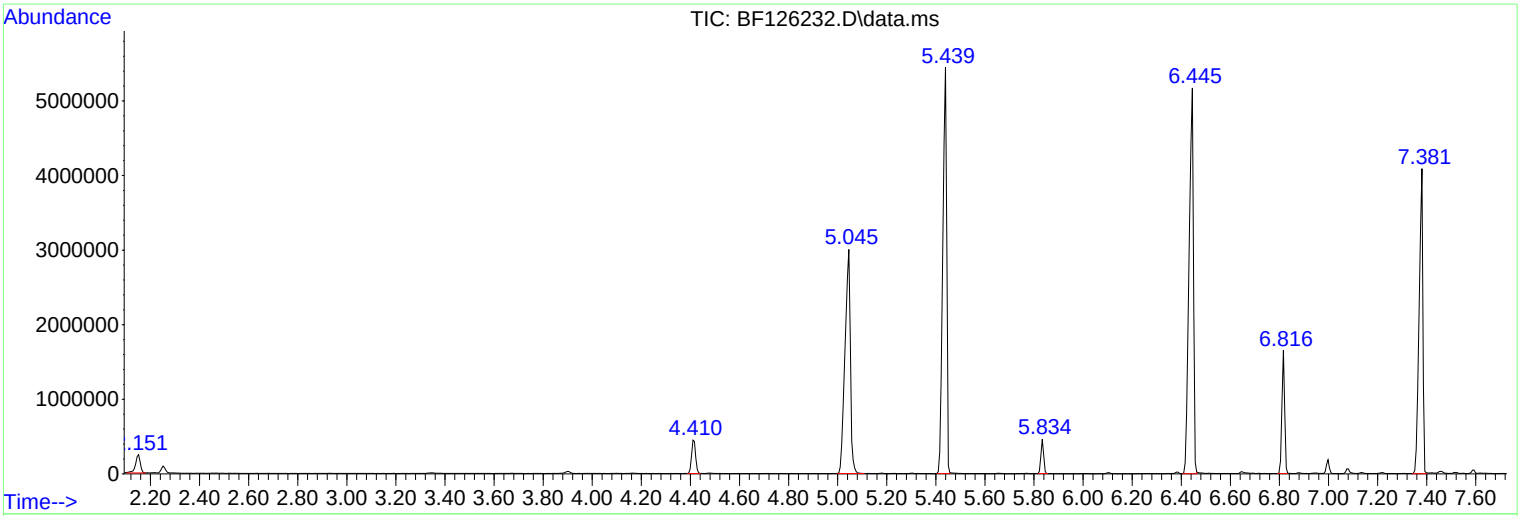
77	14.398	2089	2093	2096	rVV3	573955	652986	10.16%	0.611%
78	14.451	2099	2102	2105	rVV3	363867	599486	9.33%	0.561%
79	14.480	2105	2107	2109	rVV	502608	529075	8.23%	0.495%
80	14.504	2109	2111	2115	rVV2	395534	439718	6.84%	0.411%
81	14.557	2115	2120	2126	rVB3	263227	359255	5.59%	0.336%
82	14.657	2134	2137	2141	rBV	389293	476386	7.41%	0.446%
83	14.757	2148	2154	2156	rBV2	204248	338945	5.27%	0.317%
84	14.833	2163	2167	2172	rBV3	347195	558938	8.70%	0.523%
85	14.915	2177	2181	2184	rBV2	205448	288597	4.49%	0.270%
86	15.015	2191	2198	2200	rBV2	2529882	4361733	67.86%	4.082%
87	15.109	2211	2214	2225	rVB	420346	682541	10.62%	0.639%
88	15.198	2226	2229	2236	rBV3	182004	334361	5.20%	0.313%
89	15.304	2242	2247	2253	rVB	1460978	1913821	29.78%	1.791%
90	15.362	2253	2257	2263	rBV2	1365843	1779488	27.69%	1.665%
91	15.421	2263	2267	2270	rVV2	949488	1164919	18.13%	1.090%
92	15.451	2270	2272	2279	rVB2	443846	641918	9.99%	0.601%
93	15.586	2292	2295	2299	rVB3	144327	182950	2.85%	0.171%
94	15.898	2344	2348	2352	rBV2	142009	218453	3.40%	0.204%
95	16.686	2476	2482	2488	rVB4	134325	318582	4.96%	0.298%
96	16.845	2503	2509	2516	rBV2	446469	868781	13.52%	0.813%
97	16.903	2516	2519	2526	rVB5	104315	208269	3.24%	0.195%
98	17.080	2546	2549	2559	rVB5	143926	280900	4.37%	0.263%
99	17.274	2576	2582	2588	rVB2	256590	481648	7.49%	0.451%
100	17.450	2606	2612	2625	rVB7	234606	652484	10.15%	0.611%

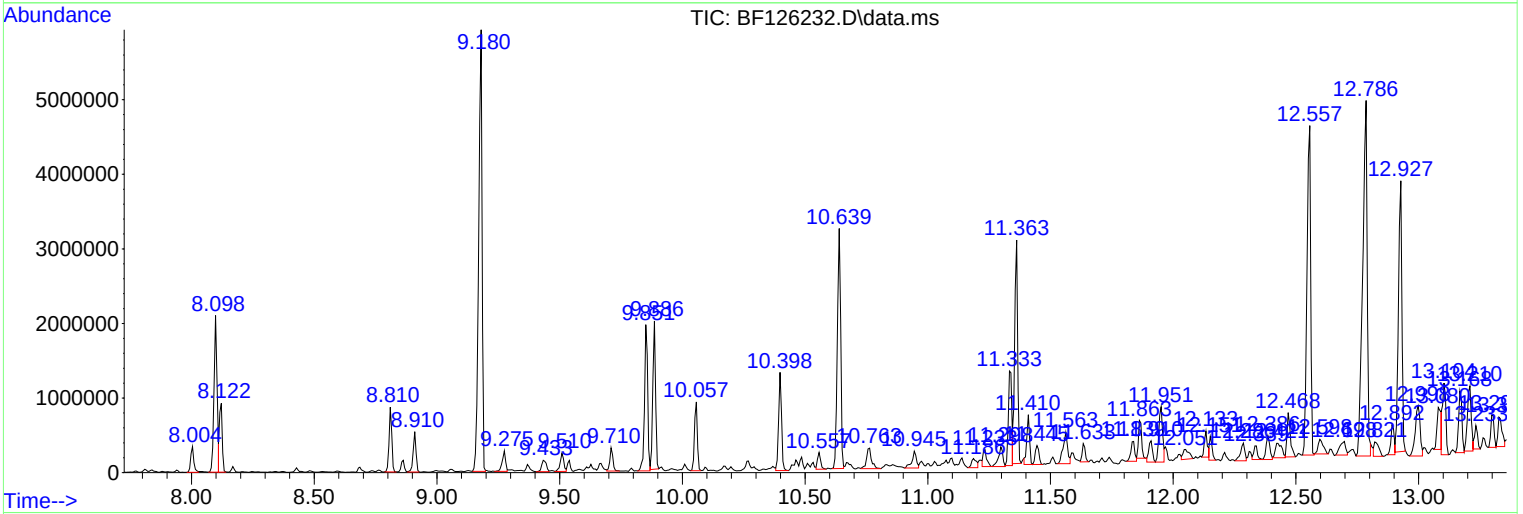
Sum of corrected areas: 106862805

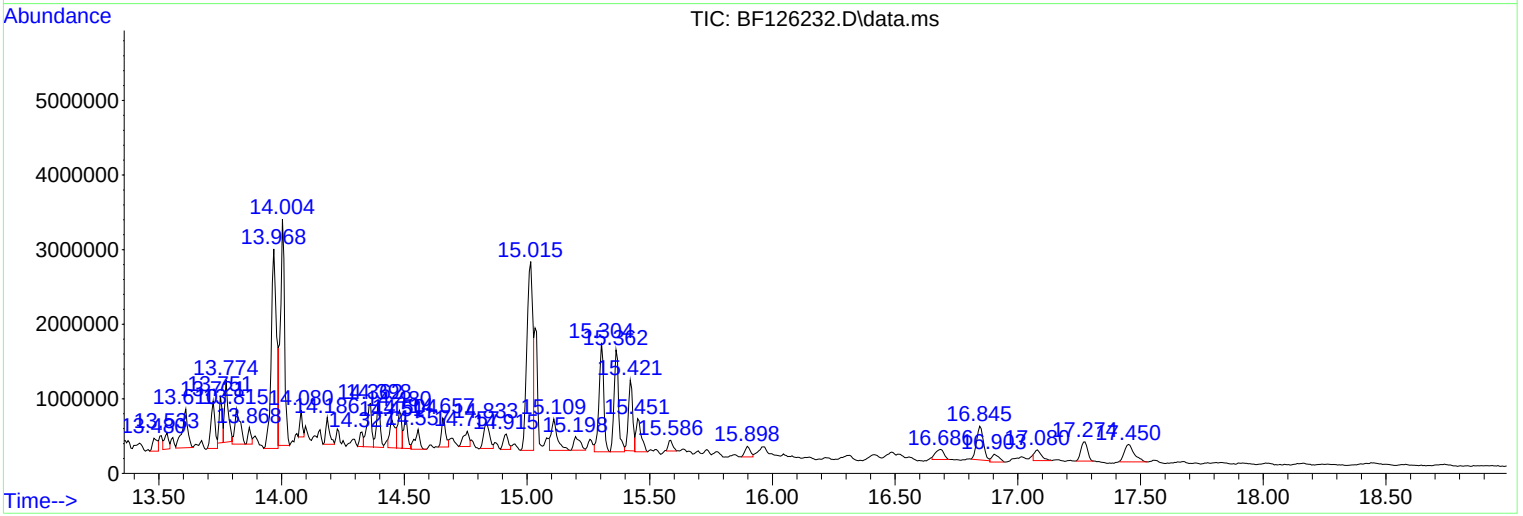
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

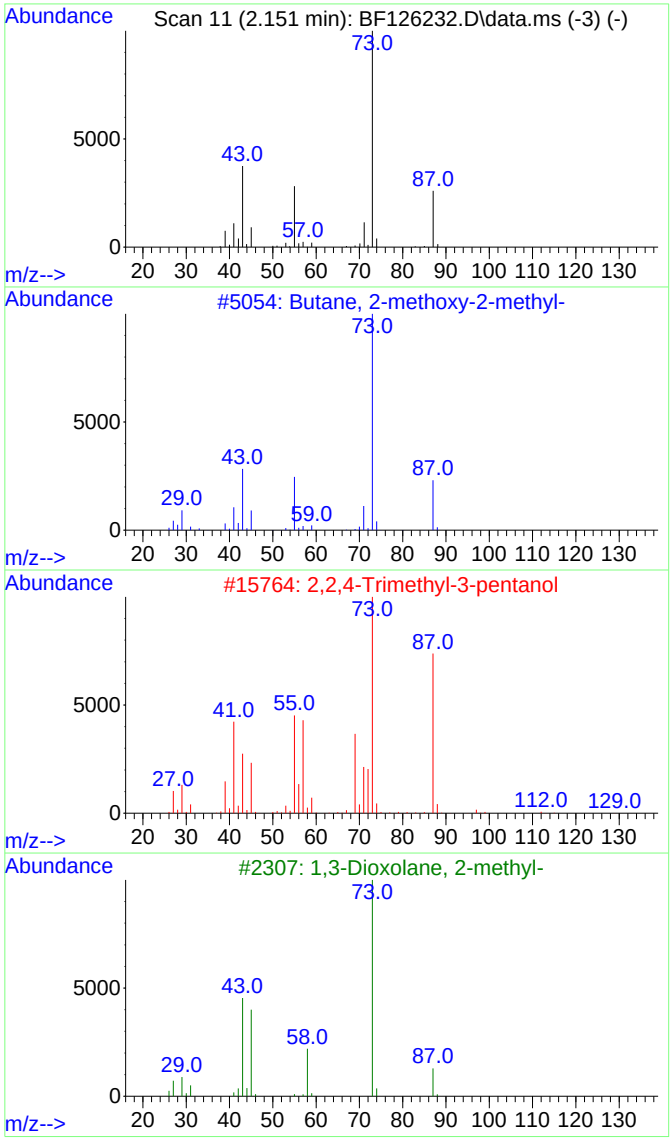
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

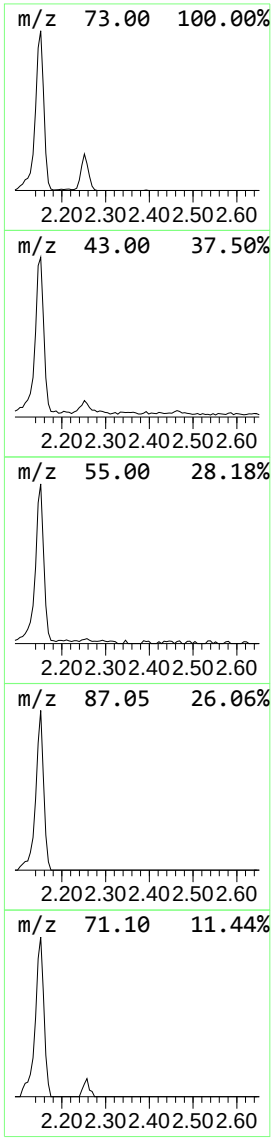
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.151	5.14 ng	329418	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

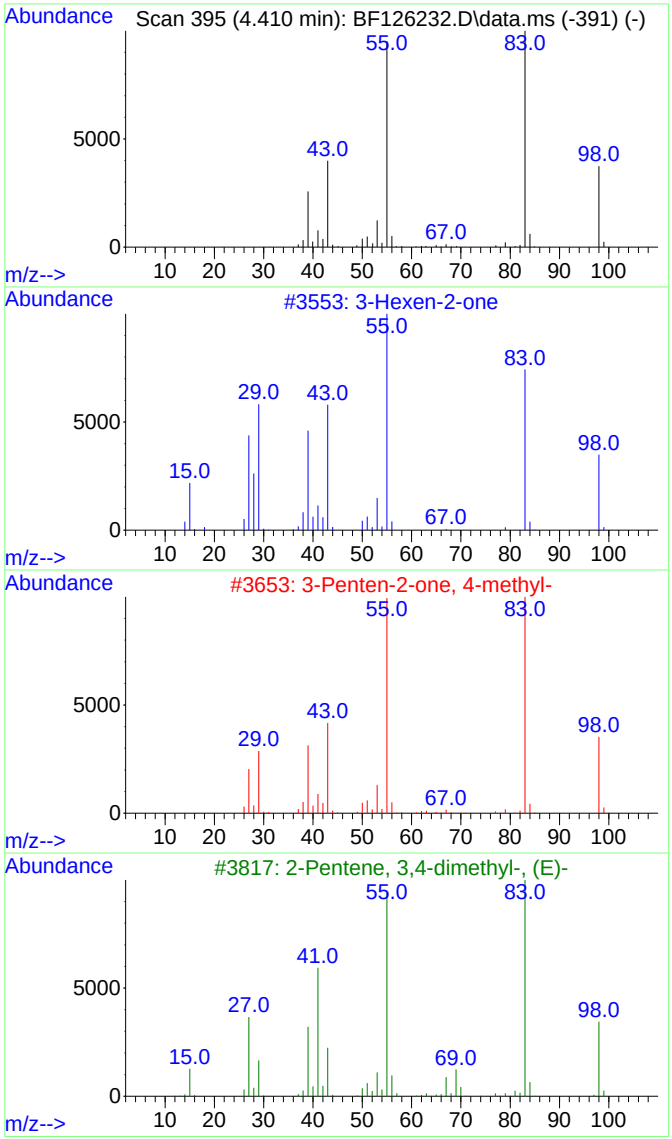
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

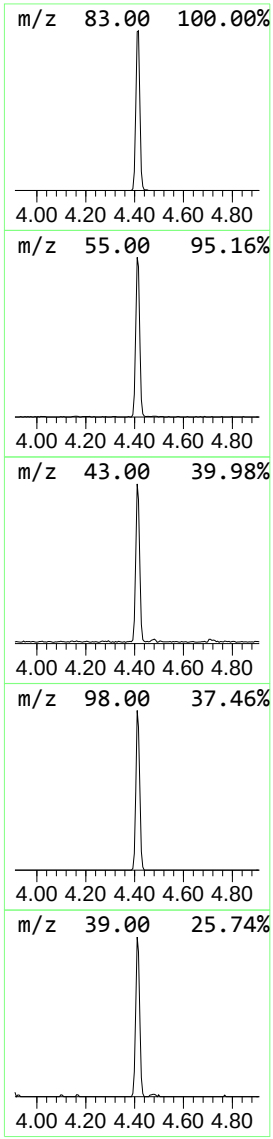
****

Peak Number 2 3-Hexen-2-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.410	7.99 ng	511824	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

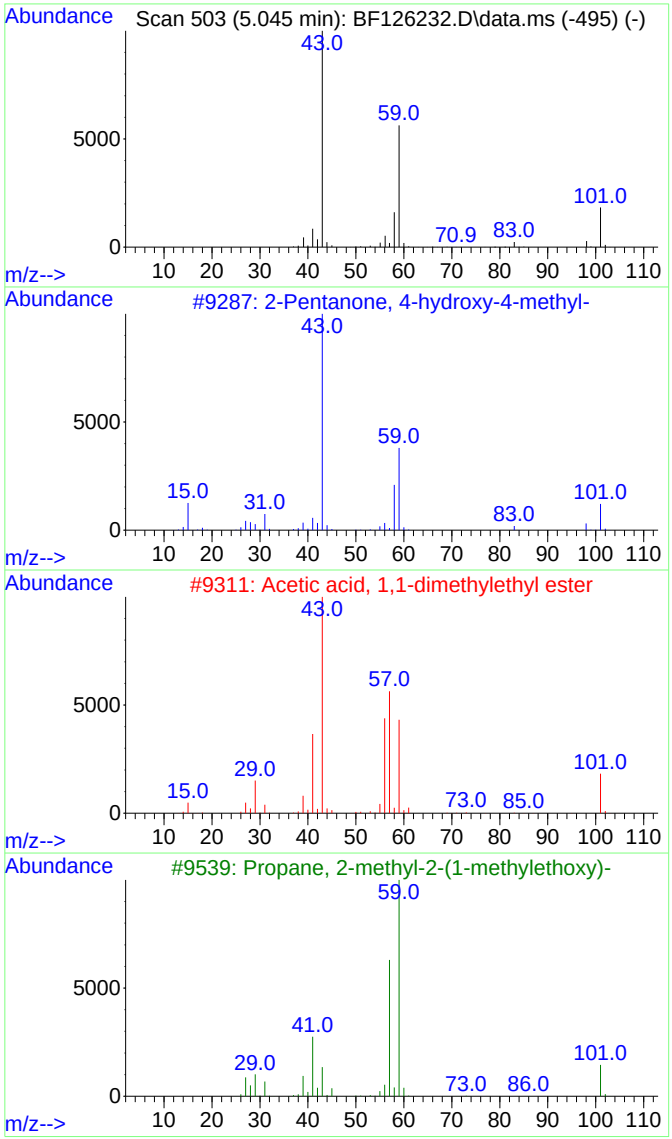
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

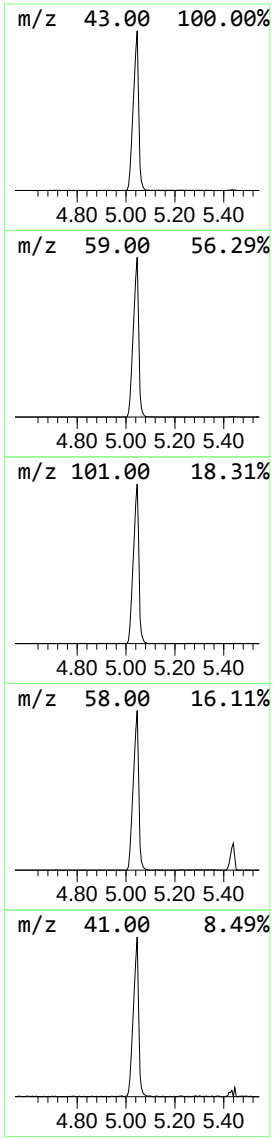
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.045	71.96 ng	4609020	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

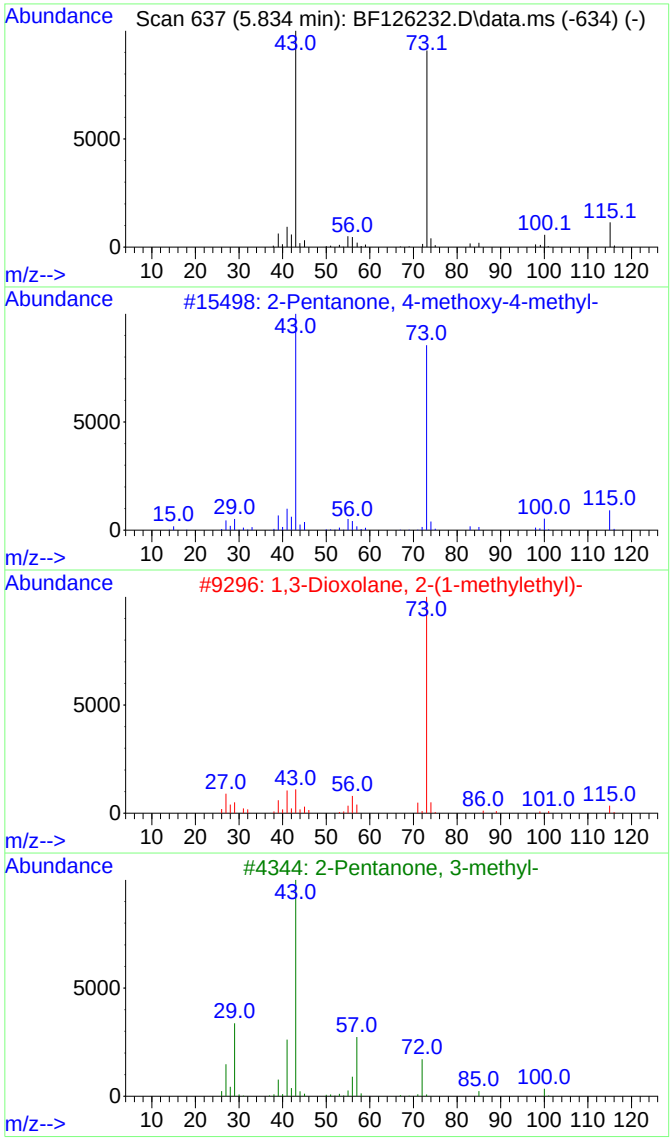
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

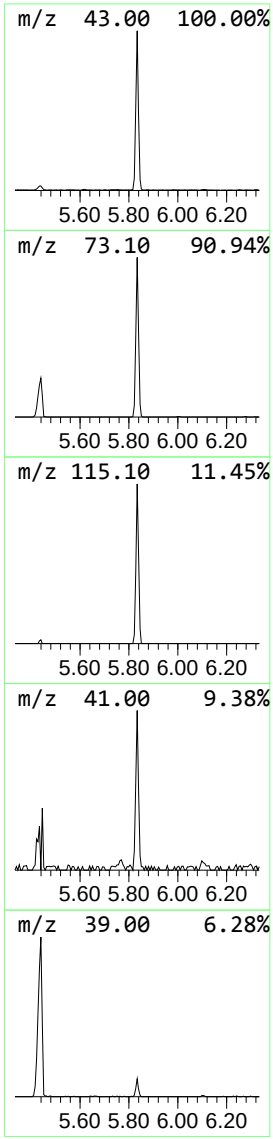
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	5.59 ng	358238	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

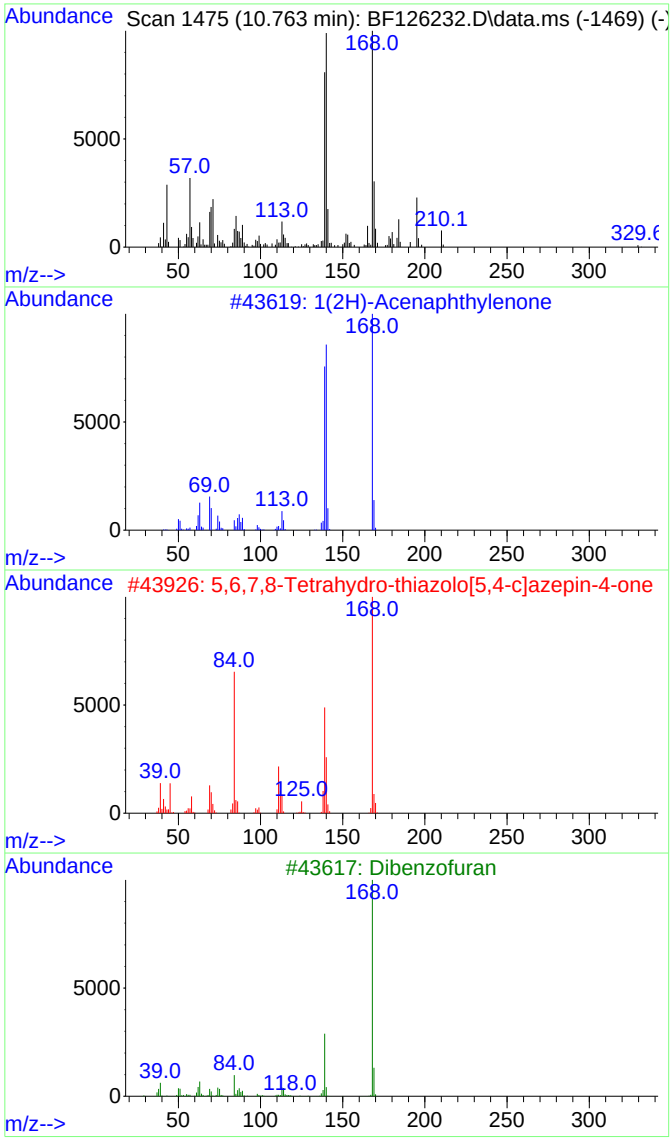
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

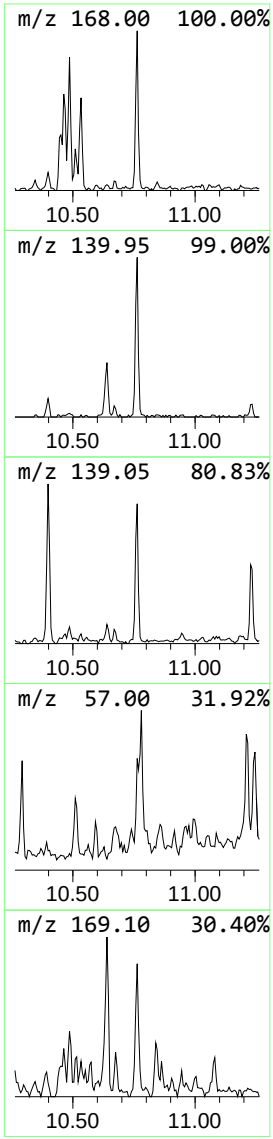
****

Peak Number 5 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	6.02 ng	373895	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	81
2	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	50
3	Dibenzofuran	168	C12H8O	000132-64-9	46
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
5	N-[3-(4-Fluorophenoxy)propyl]-N-...	279	C12H13F4NO2	1000507-88-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

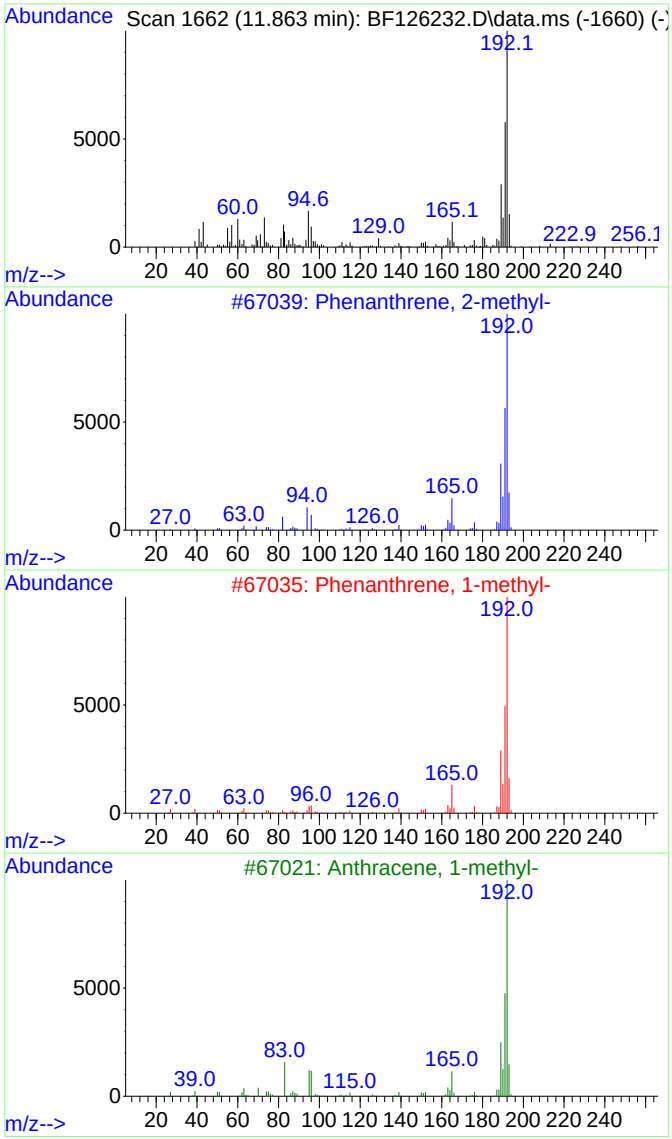
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

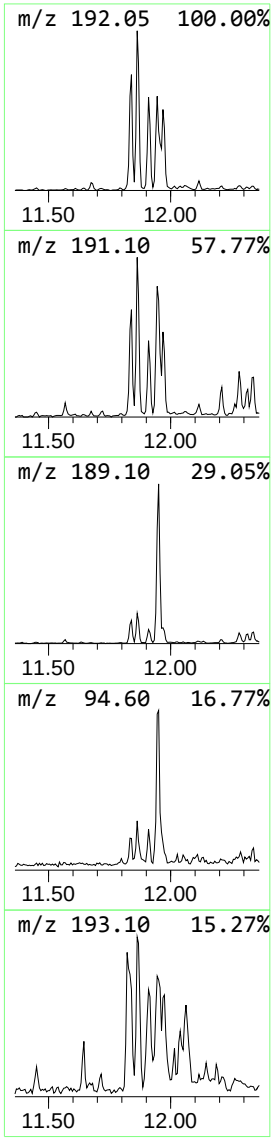
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	7.27 ng	451060	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

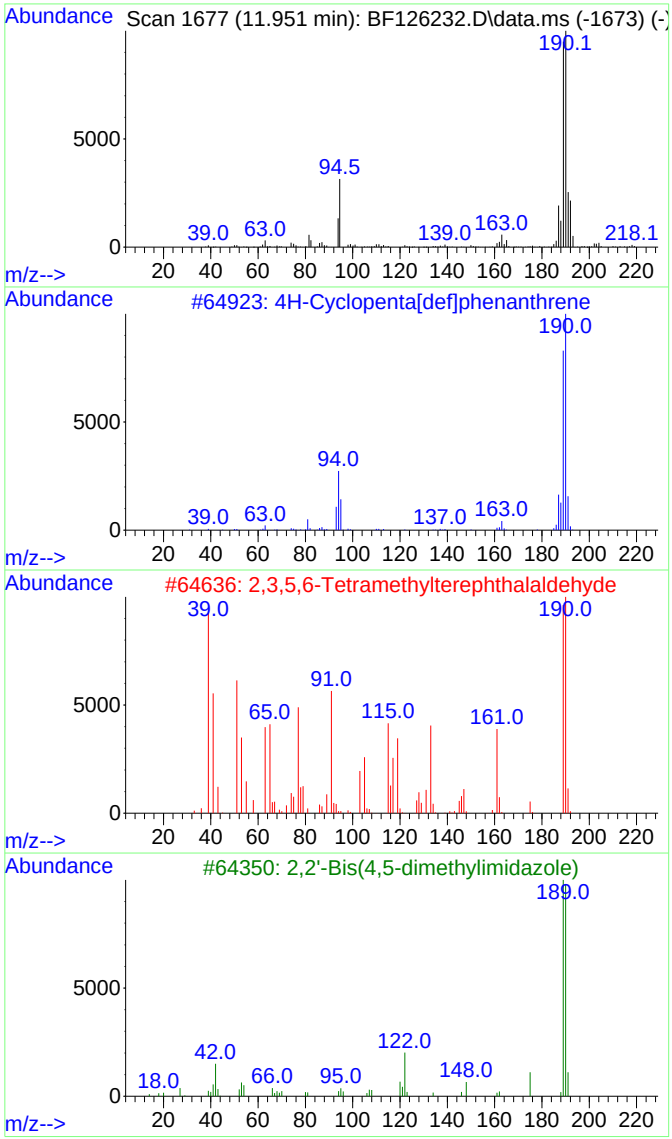
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

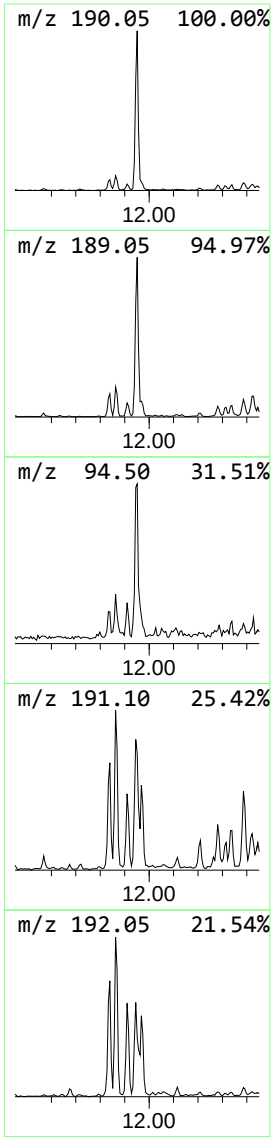
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	12.75 ng	791120	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

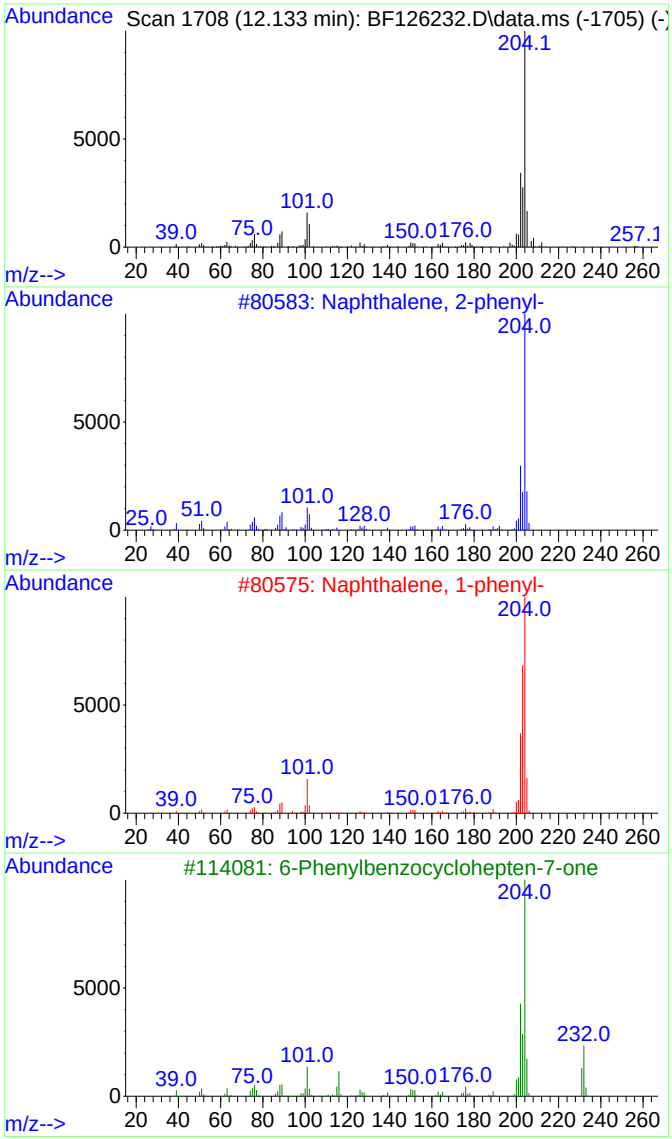
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

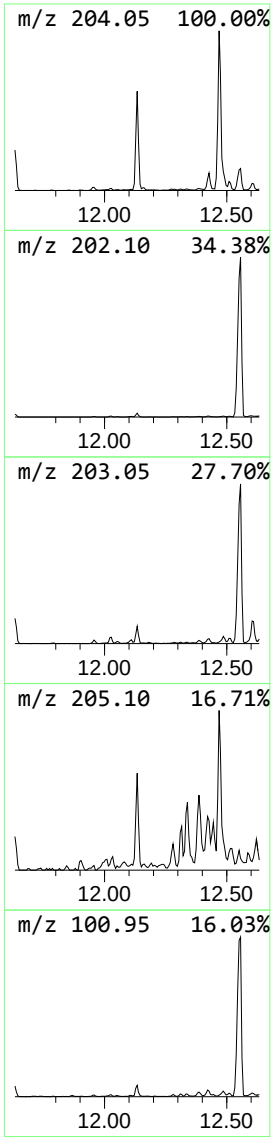
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	5.03 ng	312197	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

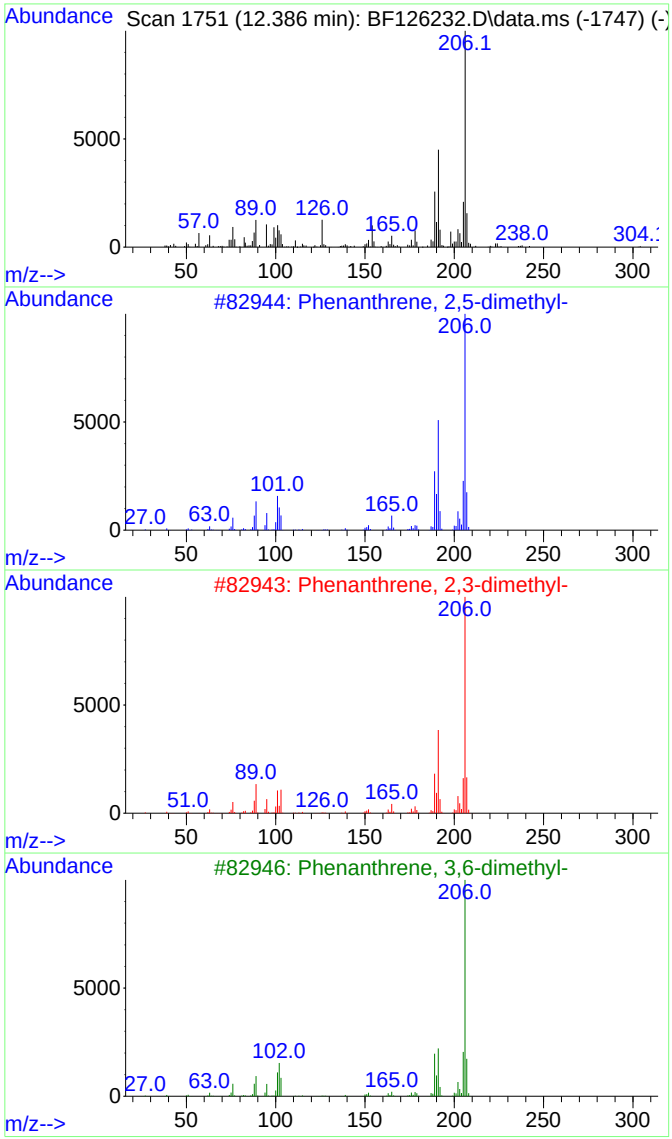
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

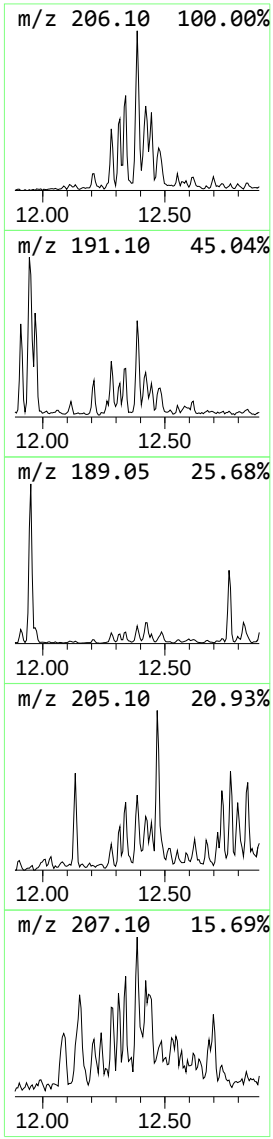
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	5.44 ng	337814	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

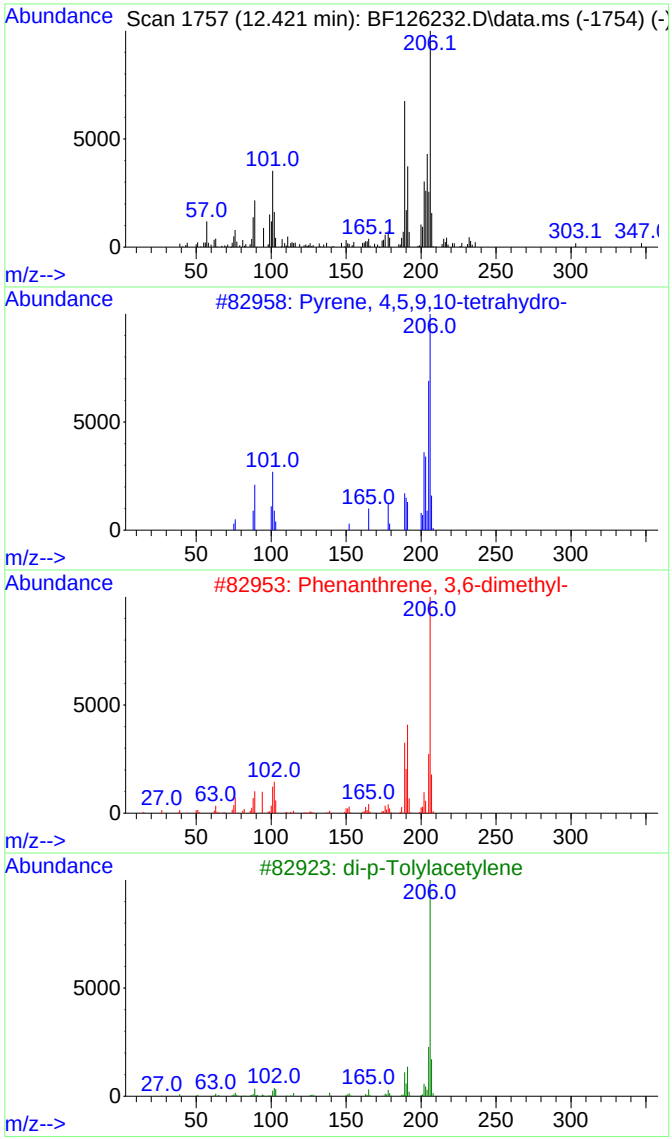
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

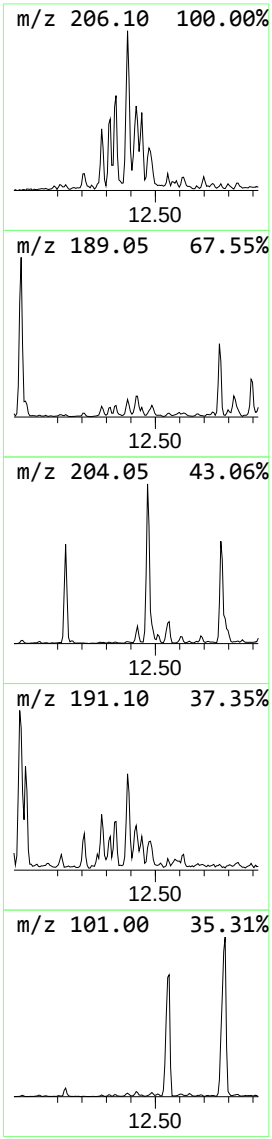
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	5.85 ng	363065	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	49
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

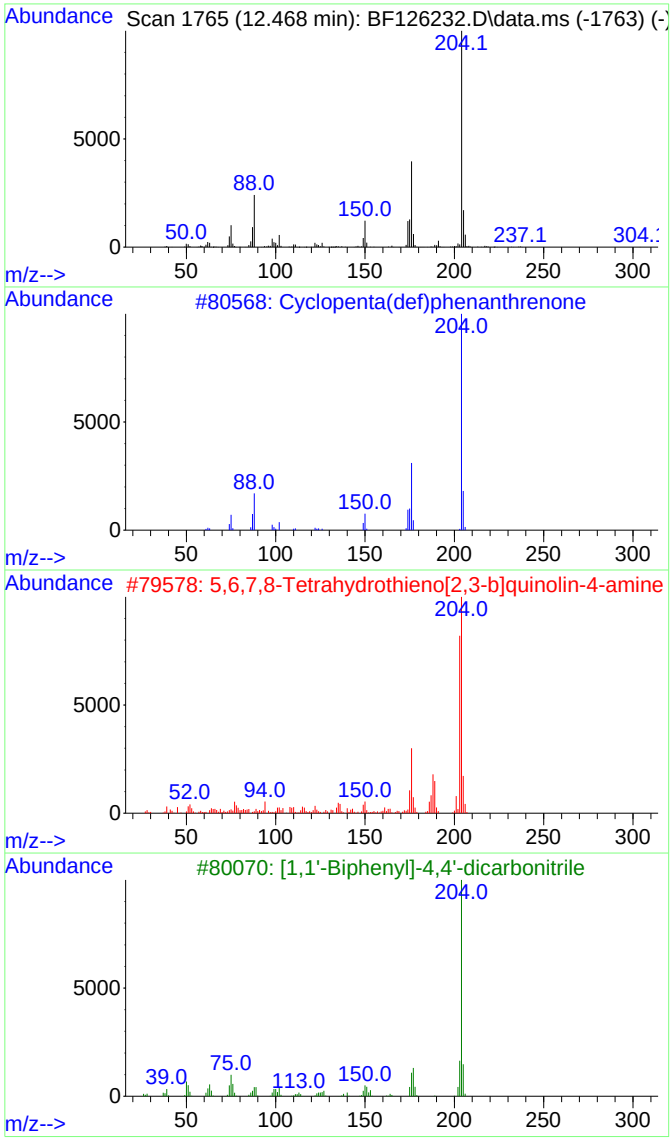
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

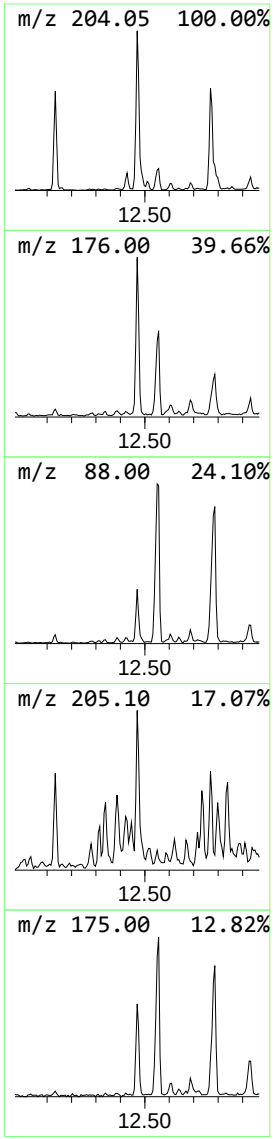
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	8.95 ng	555210	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

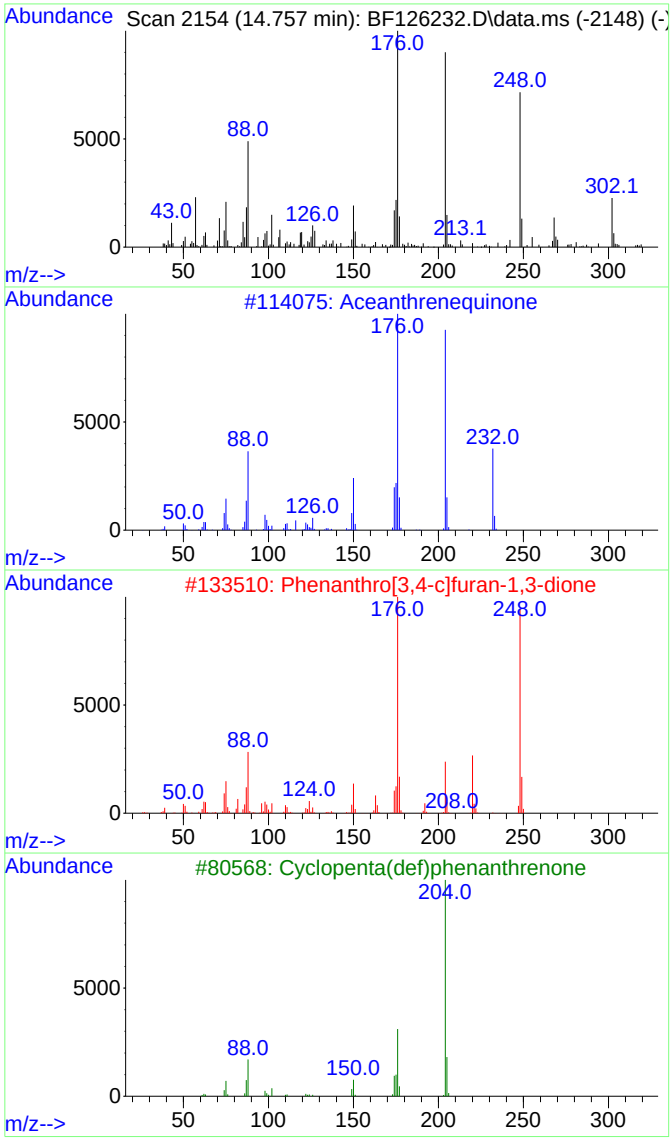
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

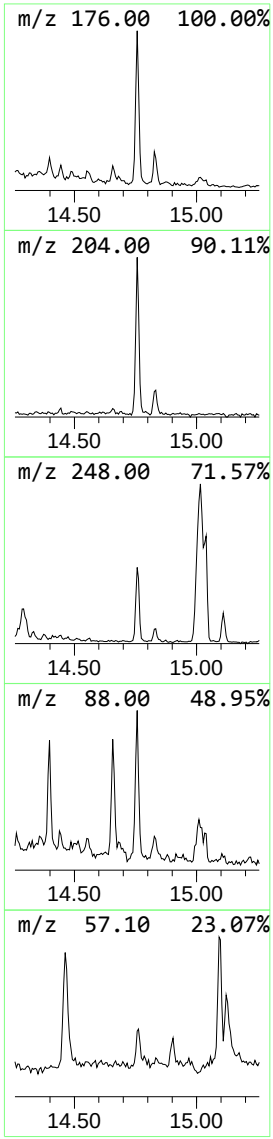
****

Peak Number 12 Aceanthrenequinone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	5.82 ng	338945	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aceanthrenequinone	232	C16H8O2	006373-11-1	52
2	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	49
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	47
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	38
5	6-Methoxy-8-nitro-2-quinoline ca...	248	C11H8N2O5	133378-40-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

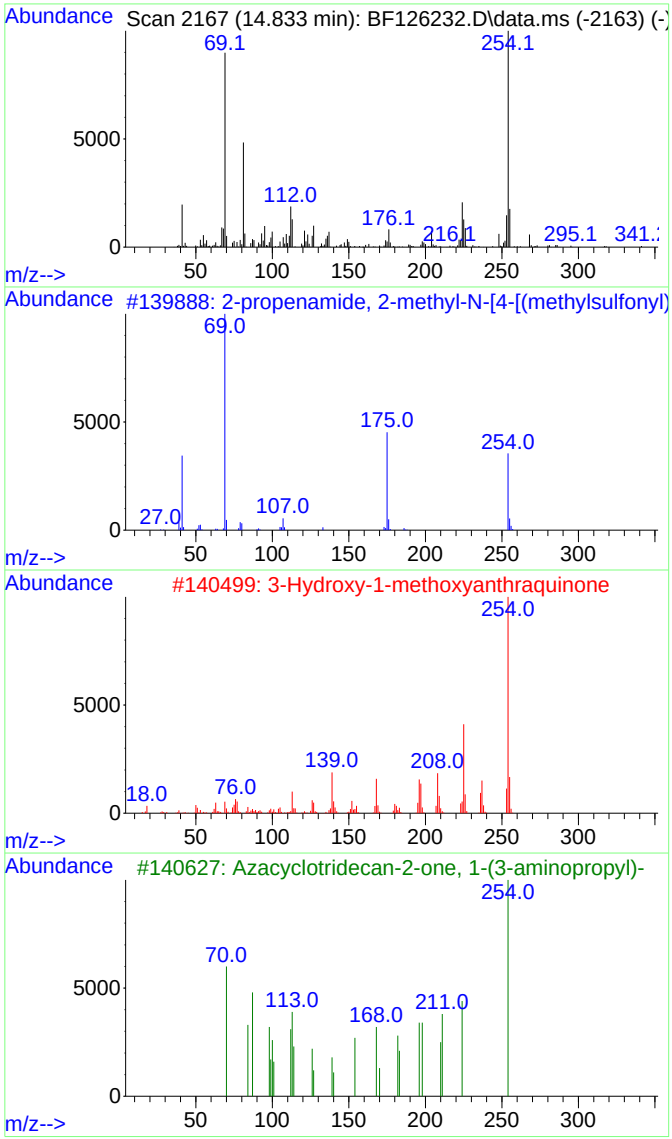
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

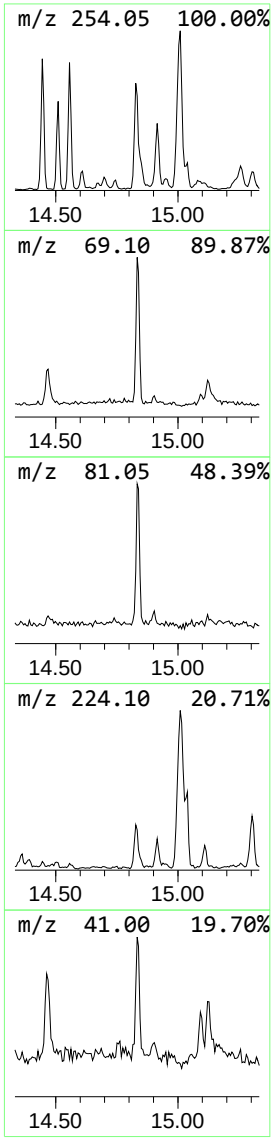
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-propenamide, 2-methyl-N-[... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	9.60 ng	558938	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	53
2	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	38
3	Azacyclotridecan-2-one, 1-(3-ami...	254	C15H30N2O	064414-61-5	38
4	Chrysin	254	C15H10O4	000480-40-0	38
5	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

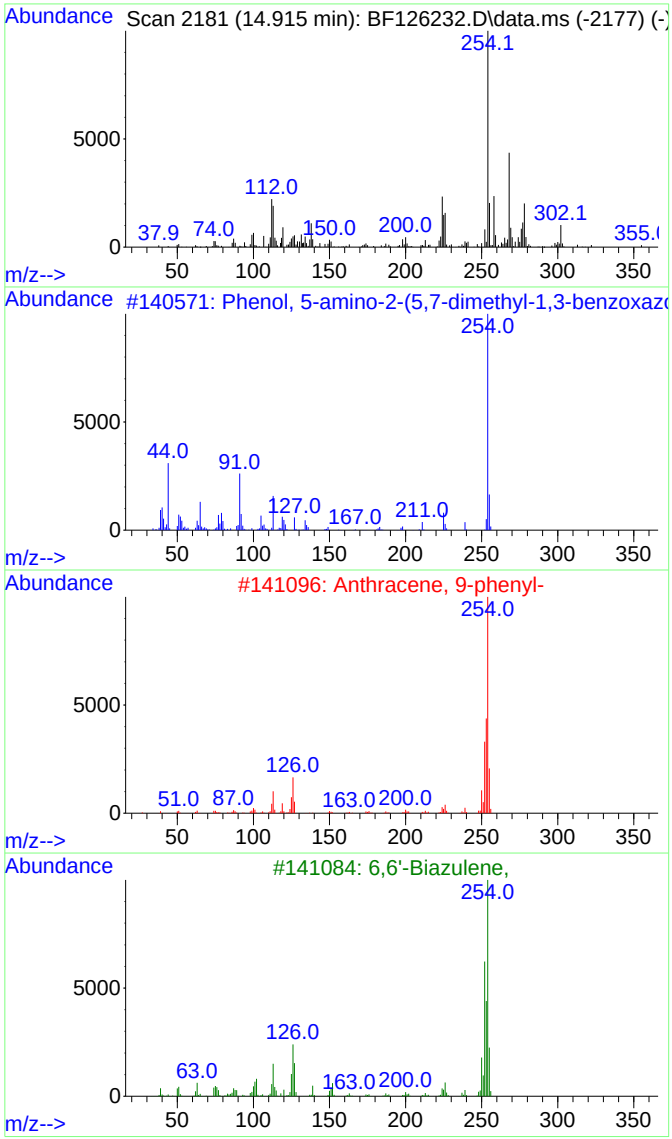
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

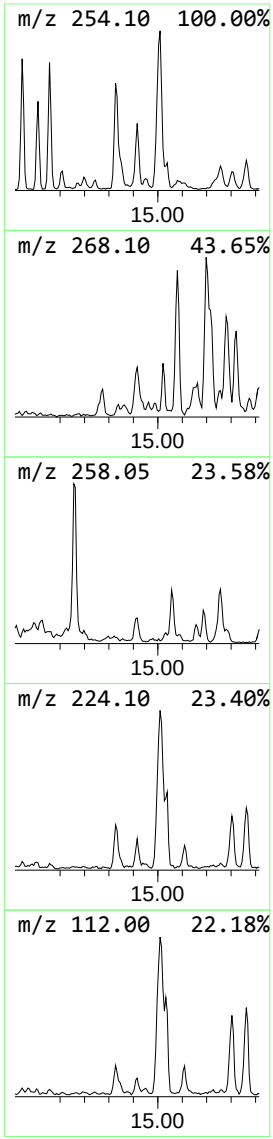
****

Peak Number 14 unknown14.915 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.915	4.95 ng	288597	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	38
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	35
3	6,6'-Biazulene,	254	C20H14	073393-11-0	35
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	32
5	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

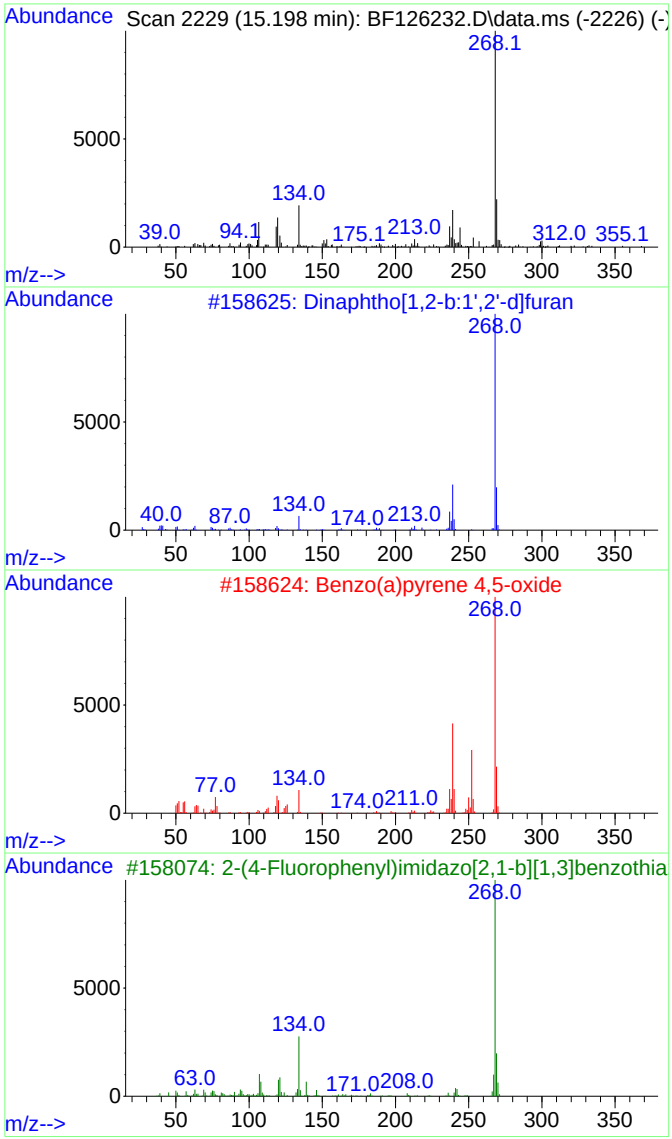
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

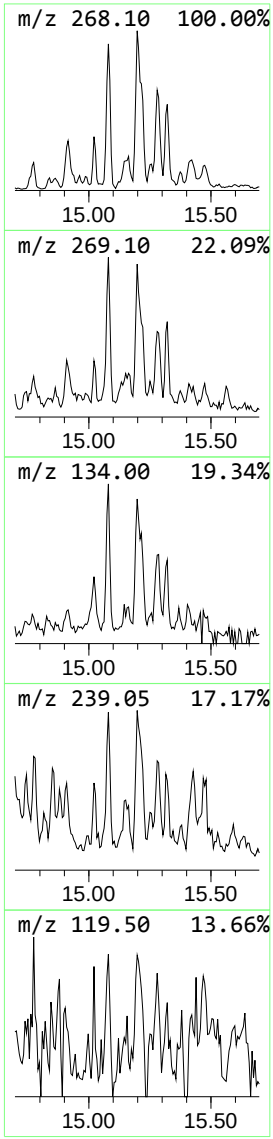
****

Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	5.74 ng	334361	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
3	2-(4-Fluorophenyl)imidazo[2,1-b]...	268	C15H9FN2S	007067-87-0	53
4	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	50
5	Disperse Blue 1	268	C14H12N4O2	002475-45-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

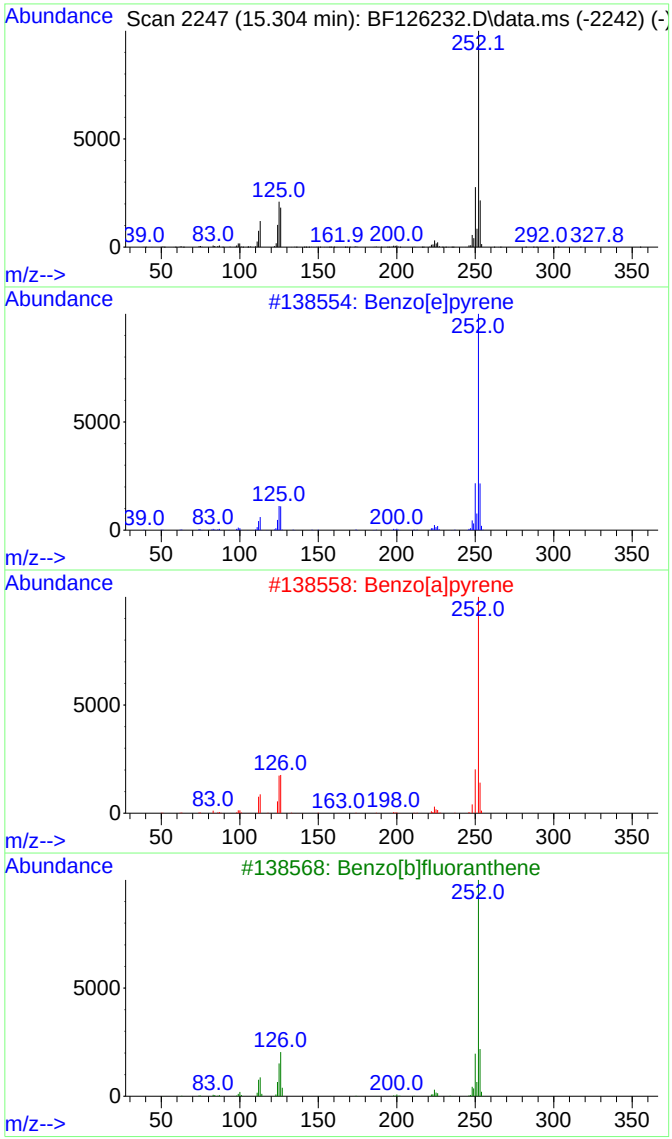
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

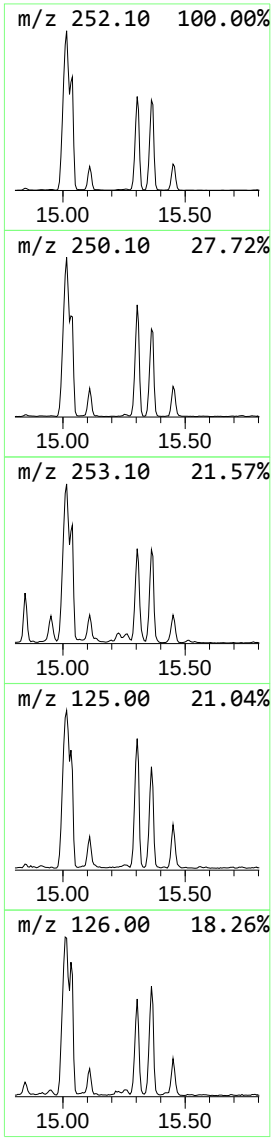
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	32.86 ng	1913820	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

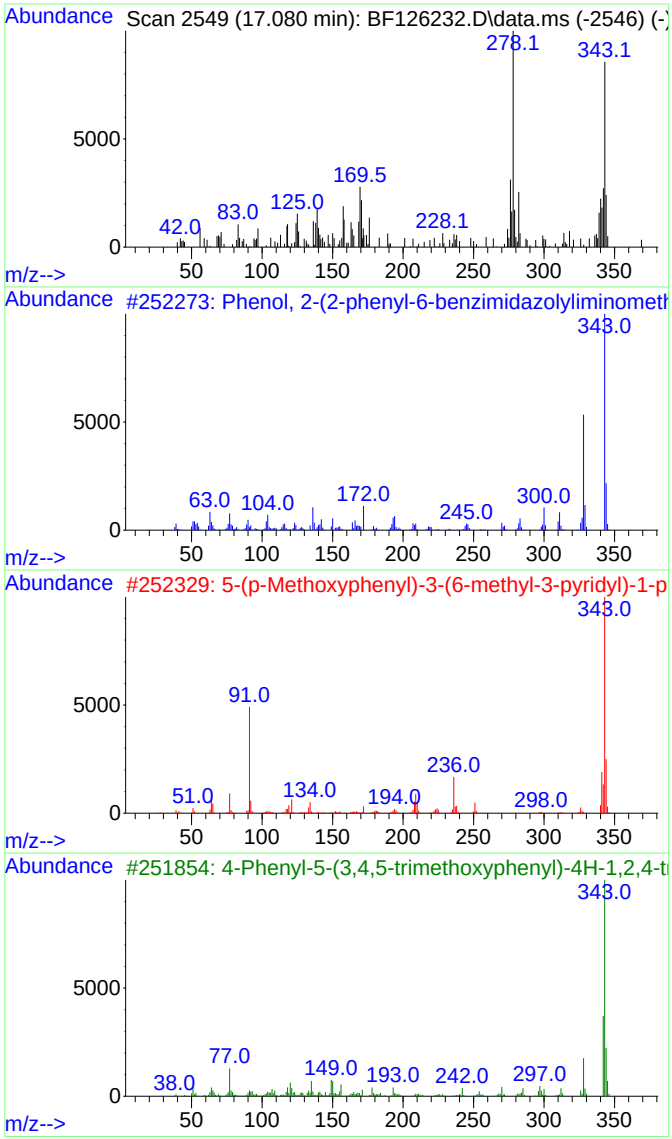
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

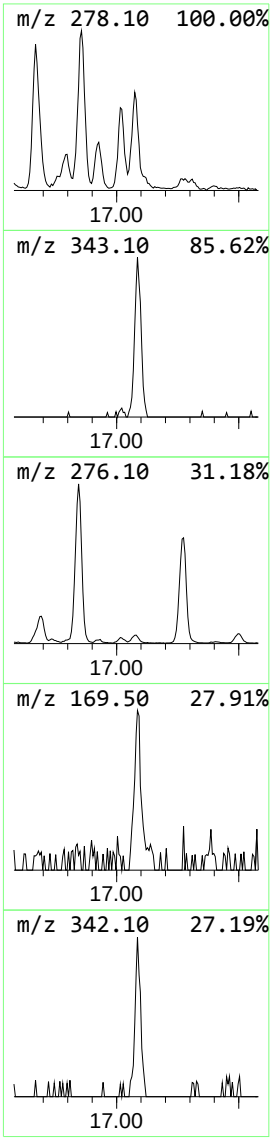
****

Peak Number 19 unknown17.080 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	4.82 ng	280900	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(2-phenyl-6-benzimidaz...	343	C21H17N3O2	329916-21-4	30
2	5-(p-Methoxyphenyl)-3-(6-methyl-...	343	C22H21N3O	010040-61-6	25
3	4-Phenyl-5-(3,4,5-trimethoxyphen...	343	C17H17N3O3S	070452-47-0	25
4	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	18
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

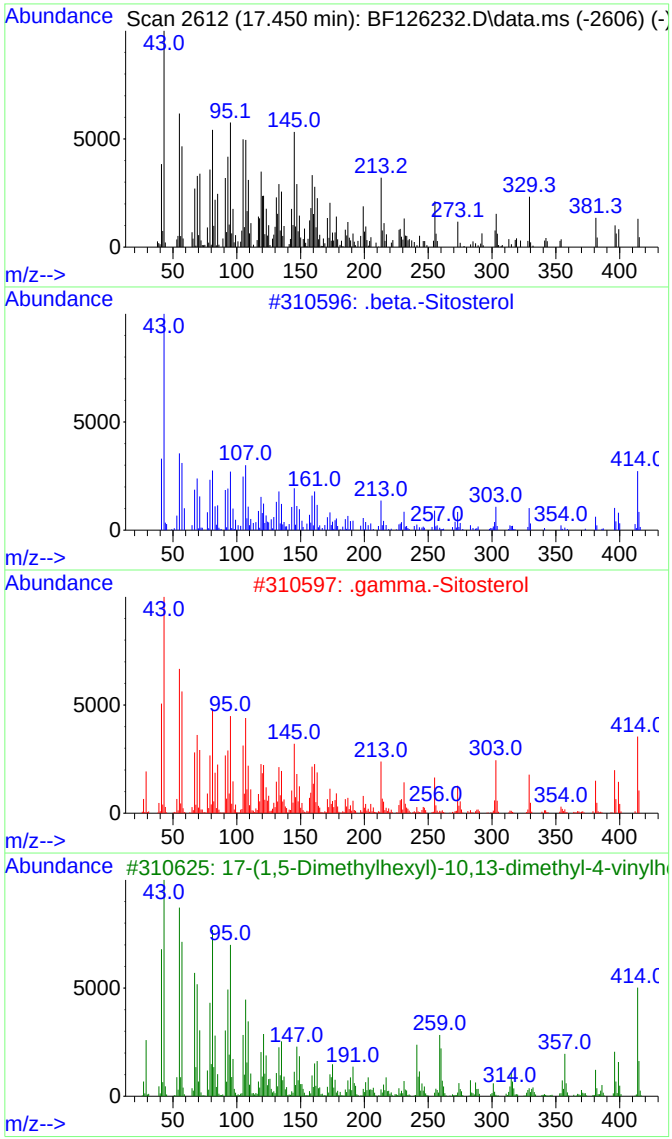
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

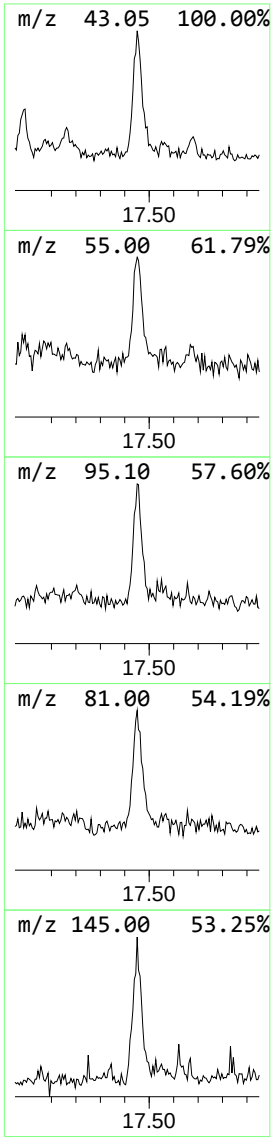
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.451	11.20 ng	652484	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
3	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	55
4	Methyl 12-acetyl-7-desoxycholate	448	C27H44O5	055547-48-3	32
5	9,19-Cyclocholan-24-al, 3-(acety...	442	C29H46O3	025089-90-1	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126232.D
Acq On : 17 Dec 2021 13:29
Operator : JU/CG
Sample : M5083-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
Butane, 2-metho...	2.151	5.1	ng	329418	1	6.816	1281050	20.0
3-Hexen-2-one	4.410	8.0	ng	511824	1	6.816	1281050	20.0
2-Pentanone, 4-...	5.045	72.0	ng	4609020	1	6.816	1281050	20.0
2-Pentanone, 4-...	5.834	5.6	ng	358238	1	6.816	1281050	20.0
1(2H)-Acenaphth...	10.763	6.0	ng	373895	4	11.339	1241230	20.0
Phenanthrene, 2...	11.863	7.3	ng	451060	4	11.339	1241230	20.0
4H-Cyclopenta[d...	11.951	12.8	ng	791120	4	11.339	1241230	20.0
Naphthalene, 2-...	12.133	5.0	ng	312197	4	11.339	1241230	20.0
Phenanthrene, 2...	12.386	5.4	ng	337814	4	11.339	1241230	20.0
Pyrene, 4,5,9,1...	12.421	5.8	ng	363065	4	11.339	1241230	20.0
Cyclopenta(def)...	12.468	8.9	ng	555210	4	11.339	1241230	20.0
Aceanthrenequinone	14.757	5.8	ng	338945	6	15.427	1164920	20.0
2-propenamide, ...	14.833	9.6	ng	558938	6	15.427	1164920	20.0
unknown14.915	14.915	5.0	ng	288597	6	15.427	1164920	20.0
Dinaphtho[1,2-b...	15.198	5.7	ng	334361	6	15.427	1164920	20.0
Benzo[e]pyrene	15.304	32.9	ng	1913820	6	15.427	1164920	20.0
unknown17.080	17.080	4.8	ng	280900	6	15.427	1164920	20.0
.beta.-Sitosterol	17.451	11.2	ng	652484	6	15.427	1164920	20.0