LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BF133404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	472	476	483	rBV	167654	178794	9.51%	0.800%
2	5.328	547	551	566	rBV	902311	898113	47.75%	4.020%
3	6.363	723	727	742	rBV	895168	919564	48.89%	4.116%
4	6.557	754	760	764	rBV6	17507	22646	1.20%	0.101%
5	6.716	784	787	791	rBV	1584137	1334653	70.97%	5.974%
6	6.981	829	832	839	rVB5	14878	23368	1.24%	0.105%
7	7.281	877	883	888	rBV	648849	537139	28.56%	2.404%
8	8.004	1002	1006	1009	rBV	2243340	1768238	94.02%	7.914%
9	8.428	1076	1078	1080	rBV	24613	22590	1.20%	0.101%
10	8.598	1104	1107	1110	rBV	41792	35474	1.89%	0.159%
11	8.816	1141	1144	1150	rVB	38162	40406	2.15%	0.181%
12	9.028	1178	1180	1185	rBV	29872	22602	1.20%	0.101%
13	9.075	1185	1188	1192	rBV	1295183	1085845	57.74%	4.860%
14	9.163	1198	1203	1208	rBV2	59683	64651	3.44%	0.289%
15	9.345	1230	1234	1237	rVB2	23020	27162	1.44%	0.122%
16	9.416	1243	1246	1249	rBV	51151	44806	2.38%	0.201%
17	9.480	1255	1257	1260	rVB2	43936	38691	2.06%	0.173%
18	9.533	1263	1266	1270	rVB	26172	25976	1.38%	0.116%
19	9.616	1277	1280	1284	rBV	119195	98245	5.22%	0.440%
20	9.663	1286	1288	1291	rVB3	26792	23101	1.23%	0.103%
21	9.692	1291	1293	1298	rVB	50511	42192	2.24%	0.189%
22	9.757	1300	1304	1307	rVV	2132671	1758145	93.48%	7.869%
23	9.786	1307	1309	1313	rVB	76087	67516	3.59%	0.302%
24	9.863	1319	1322	1325	rVB4	22863	27370	1.46%	0.123%
25	9.916	1326	1331	1333	rBV6	14452	22759	1.21%	0.102%
26	9.957	1335	1338	1343	rVB2	51892	54069	2.87%	0.242%
27	10.075	1355	1358	1361	rBV2	34645	32951	1.75%	0.147%
28	10.163	1369	1373	1375	rBV4	33425	36689	1.95%	0.164%
29	10.192	1375	1378	1380	rBV2	32879	27294	1.45%	0.122%
30	10.304	1393	1397	1403	rVB	85815	102450	5.45%	0.459%
31	10.363	1403	1407	1409	rBV4	21903	29570	1.57%	0.132%
32	10.410	1413	1415	1420	rVV3	35491	38033	2.02%	0.170%
33	10.463	1421	1424	1429	rVV2	53331	52029	2.77%	0.233%
34	10.539	1434	1437	1442	rVV	516345	493667	26.25%	2.210%
35	10.669	1455	1459	1463	rVB3	75495	99268	5.28%	0.444%
36	10.851	1486	1490	1492	rBV2	39145	44675	2.38%	0.200%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	10.880	1492	1495	1498	rVV	28586	27823	1.48%	0.125%
38	10.933	1501	1504	1507	rVB3	23245	23182	1.23%	0.104%
39	10.980	1509	1512	1514	rBV4	30747	31080	1.65%	0.139%
40	11.045	1521	1523	1527	rVB4	24504	25120	1.34%	0.112%
41	11.116	1532	1535	1536	rVV	41263	38501	2.05%	0.172%
42	11.133	1536	1538	1544	rVB2	62726	78917	4.20%	0.353%
43	11.239	1552	1556	1558	rBV	1947571	1566554	83.30%	7.012%
44	11.263	1558	1560	1563	rVV	590430	445148	23.67%	1.992%
45	11.316	1566	1569	1572	rVB	128130	114313	6.08%	0.512%
46	11.351	1572	1575	1578	rBV2	30529	33742	1.79%	0.151%
47	11.474	1593	1596	1598	rBV	27718	26660	1.42%	0.119%
48	11.539	1604	1607	1609	rVV3	45433	40437	2.15%	0.181%
49	11.569	1610	1612	1618	rVB	58483	65079	3.46%	0.291%
50	11.657	1624	1627	1631	rVB	27952	32863	1.75%	0.147%
51	11.745	1638	1642	1644	rBV	128464	132295	7.03%	0.592%
52	11.769	1644	1646	1651	rVV	231001	229756	12.22%	1.028%
53	11.816	1652	1654	1657	rVV	65100	67511	3.59%	0.302%
54	11.851	1657	1660	1663	rVV	268599	281560	14.97%	1.260%
55	11.874	1663	1664	1670	rVB	125090	79011	4.20%	0.354%
56	11.945	1674	1676	1679	rVV2	29883	24316	1.29%	0.109%
57	11.974	1679	1681	1685	rVV2	39707	32713	1.74%	0.146%
58	12.033	1689	1691	1694	rVV	79690	79731	4.24%	0.357%
59	12.063	1694	1696	1701	rVB3	57091	61960	3.29%	0.277%
60	12.169	1711	1714	1715	rBV2	39002	33901	1.80%	0.152%
61	12.186	1715	1717	1719	rVB	36366	28571	1.52%	0.128%
62	12.216	1720	1722	1725	rBV	53528	54148	2.88%	0.242%
63	12.292	1731	1735	1738	rBV	169255	174841	9.30%	0.783%
64	12.327	1738	1741	1743	rVV3	107943	125974	6.70%	0.564%
65	12.374	1746	1749	1754	rBV3	71847	106880	5.68%	0.478%
66	12.451	1758	1762	1765	rBV	864018	714259	37.98%	3.197%
67	12.498	1768	1770	1772	rVV2	37530	33655	1.79%	0.151%
68	12.551	1776	1779	1782	rBV3	37447	61773	3.28%	0.276%
69	12.604	1786	1788	1791	rVB2	43602	43874	2.33%	0.196%
70	12.680	1796	1801	1804	rBV	959668	908380	48.30%	4.066%
71	12.704	1804	1805	1808	rVB	77376	45692	2.43%	0.205%
72	12.821	1822	1825	1832	rVB	1176719	1034196	54.99%	4.629%
73	12.898	1835	1838	1845	rVV4	95207	149038	7.92%	0.667%
74	12.957	1845	1848	1850	rBV2	48357	48657	2.59%	0.218%
75	12.986	1850	1853	1854	rVV2	83441	88565	4.71%	0.396%
76	13.010	1854	1857	1860	rVB	184670	187331	9.96%	0.838%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	13.074	1866	1868	1871	rVB	150003	124533	6.62%	0.557%
78	13.116	1871	1875	1882	rBV2	164214	231814	12.33%	1.038%
79	13.204	1888	1890	1893	rVB	154335	116196	6.18%	0.520%
80	13.233	1893	1895	1899	rBV	124412	126296	6.72%	0.565%
81	13.880	2000	2005	2007	rBV2	1737840	1880705	100.00%	8.418%
82	13.904	2007	2009	2012	rVB	368250	302344	16.08%	1.353%
83	14.898	2175	2178	2185	rVB	295683	507770	27.00%	2.273%
84	15.245	2234	2237	2243	rVB	285675	312837	16.63%	1.400%
85	15.304	2243	2247	2251	rBV	961590	1221200	64.93%	5.466%

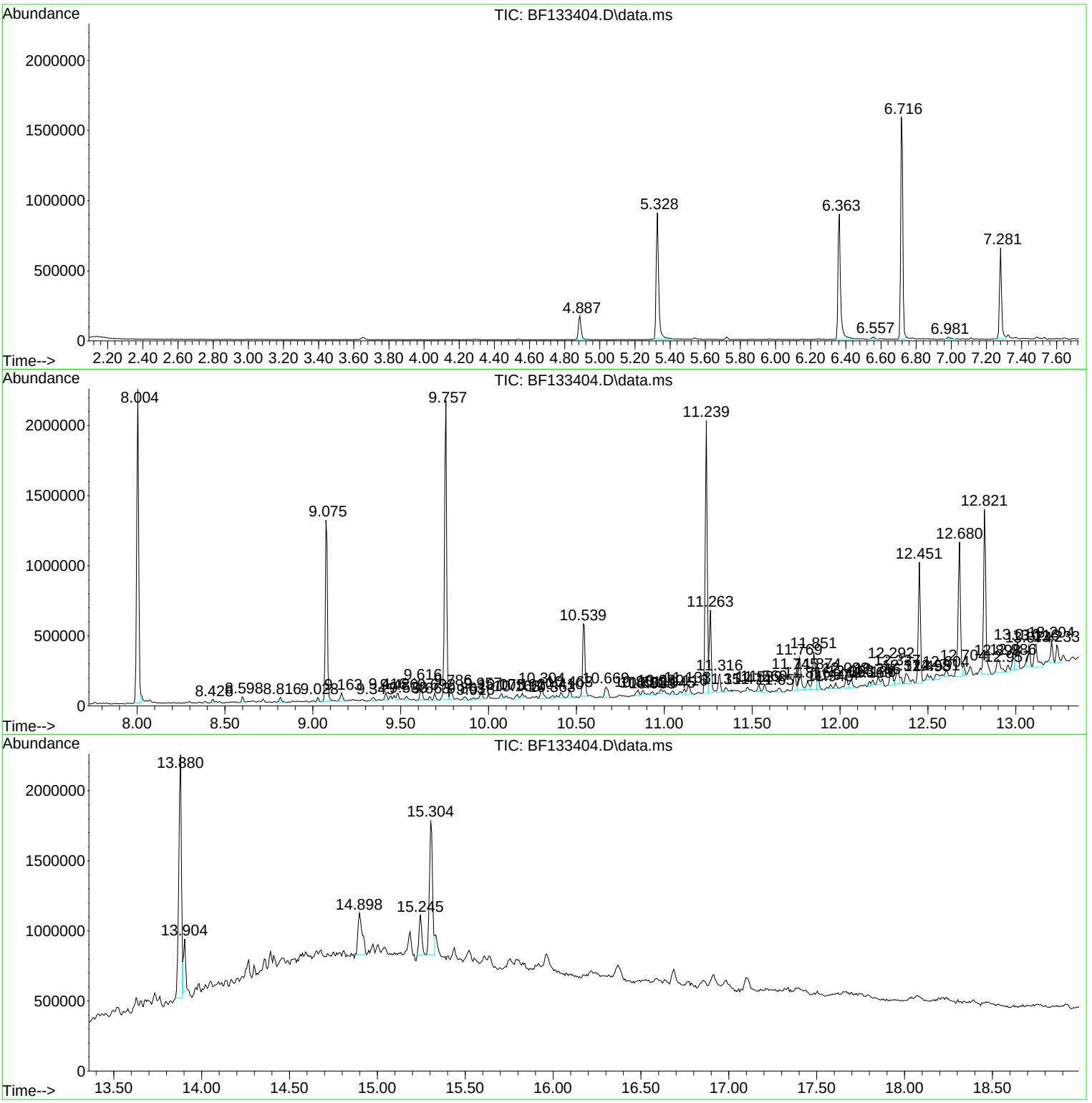
Sum of corrected areas: 22342443

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

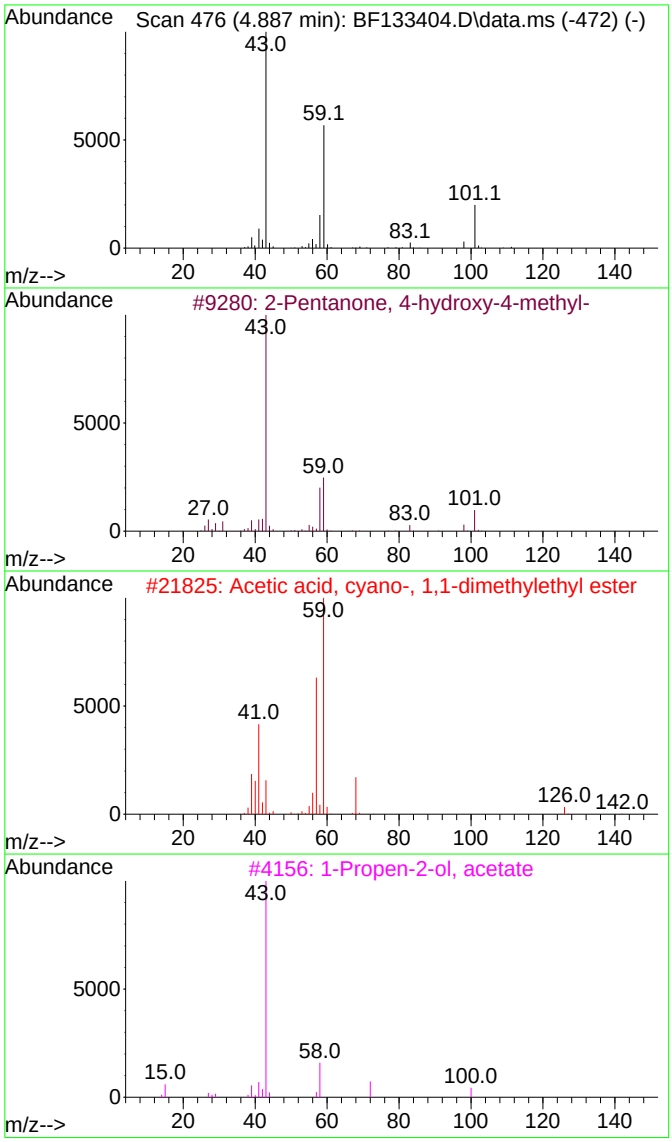
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

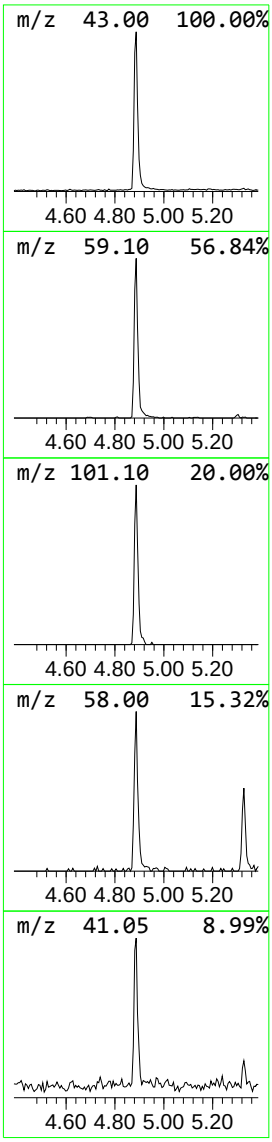
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	2.68 ng	178794	1,4-Dichlorobenzene-d4	6.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

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

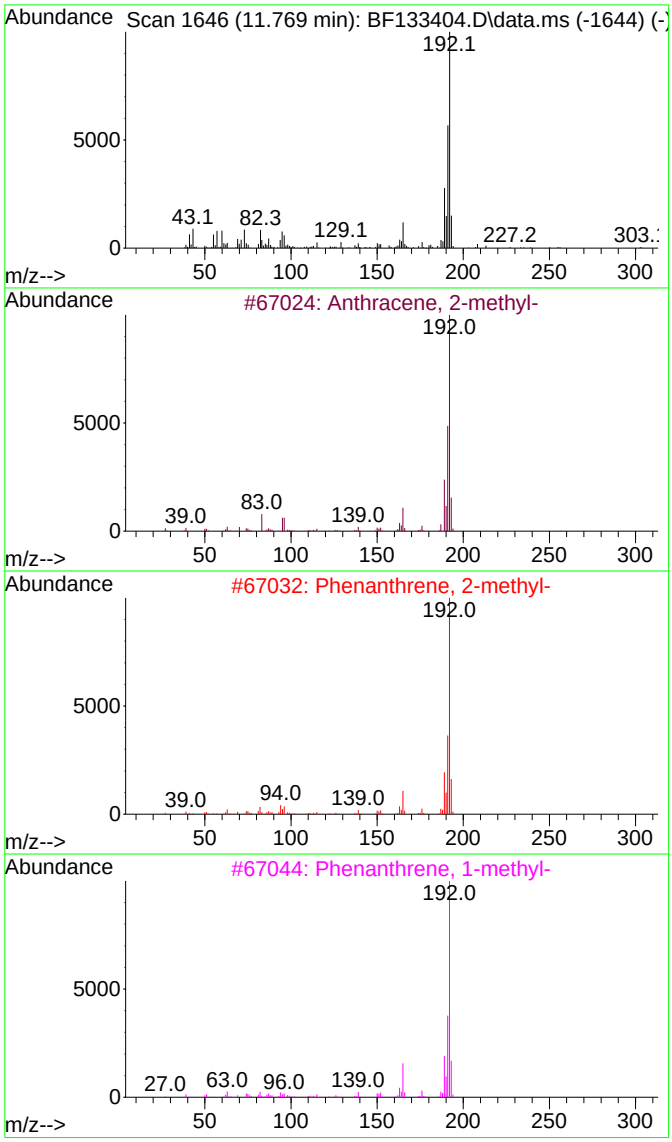
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

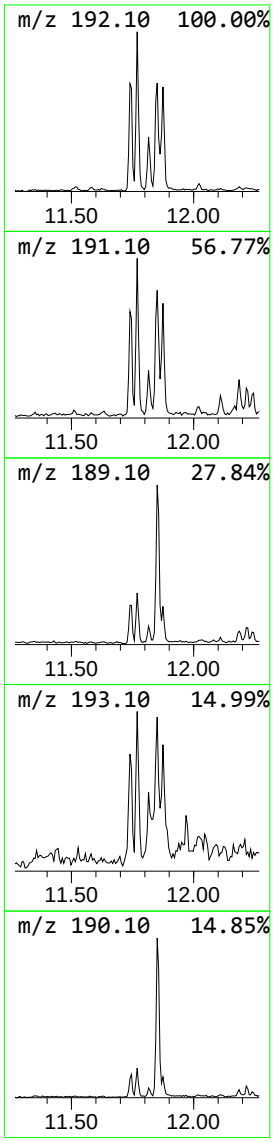
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	2.93 ng	229756	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

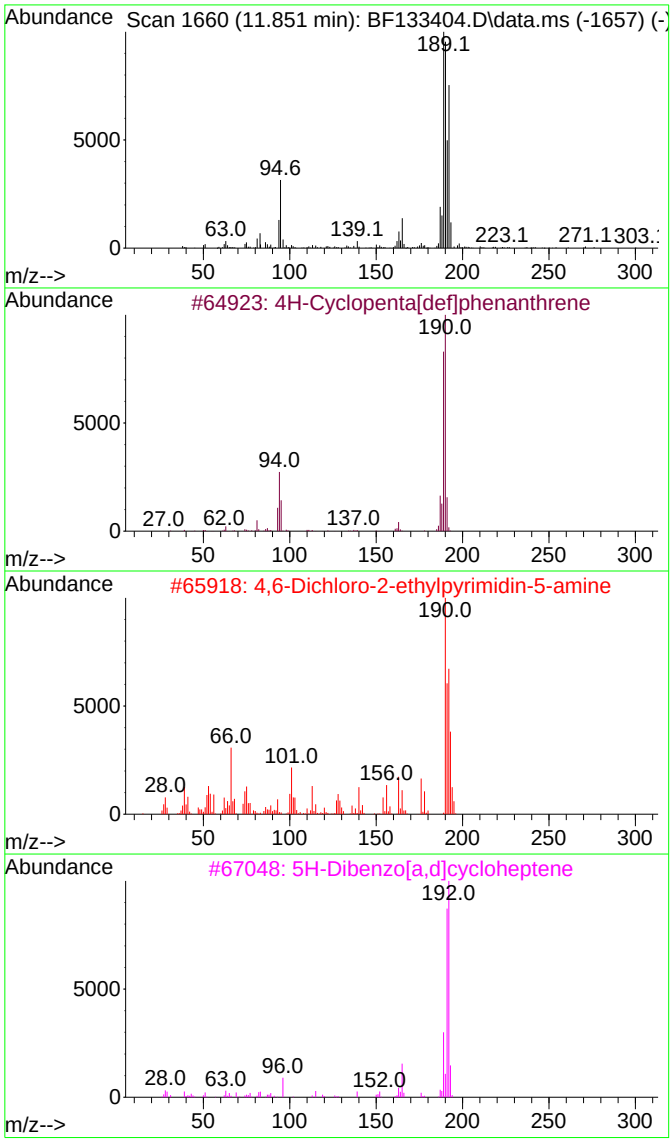
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

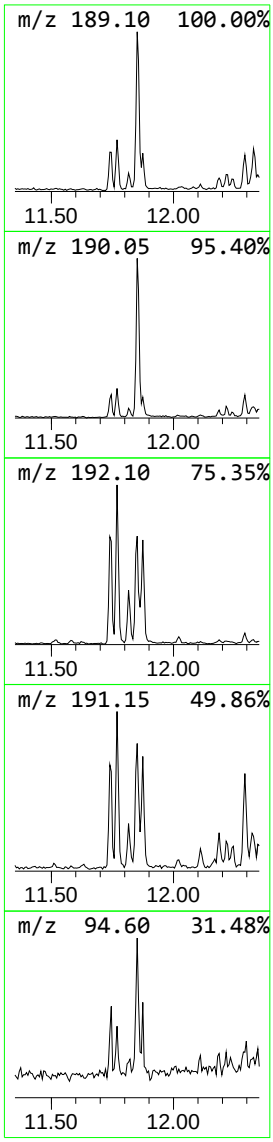
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	3.59 ng	281560	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	46
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

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

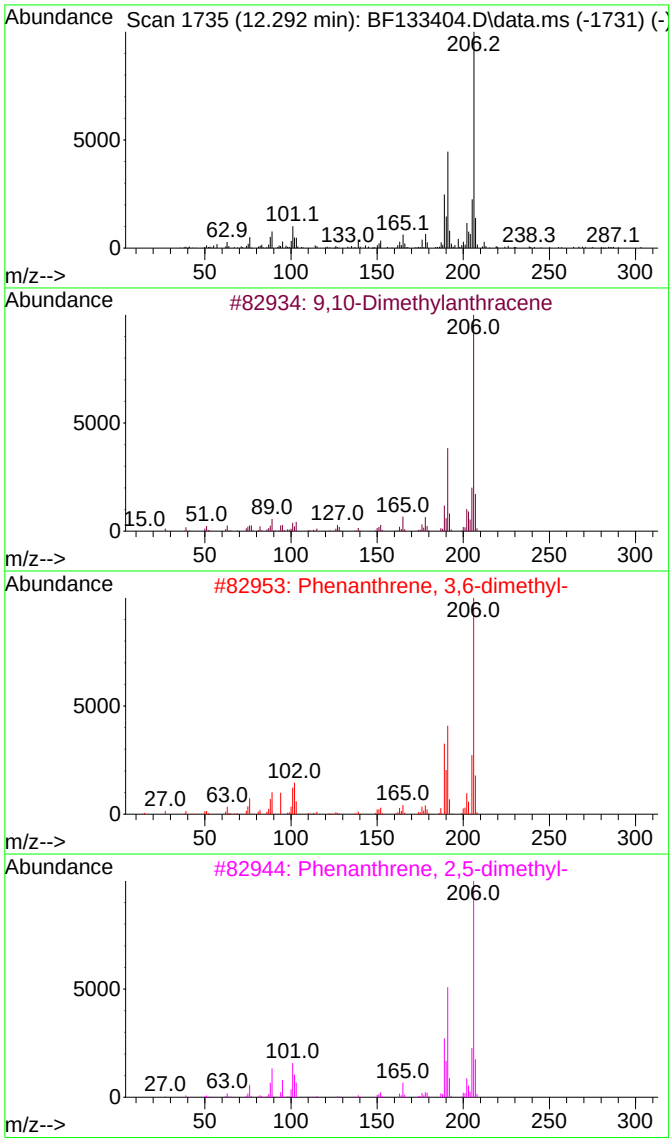
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

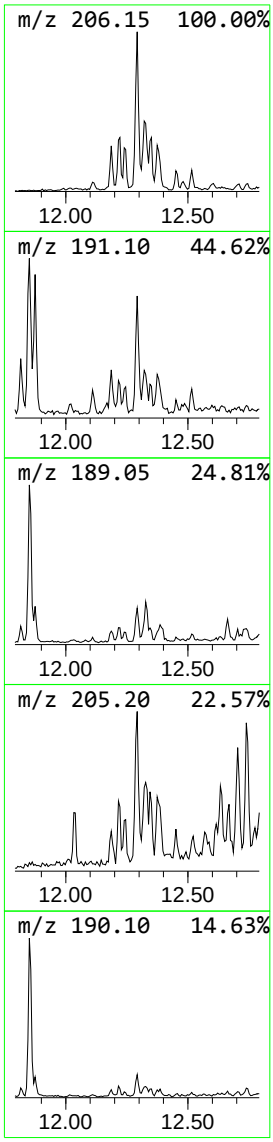
****

Peak Number 4 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.292	2.23 ng	174841	Phenanthrene-d10	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

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

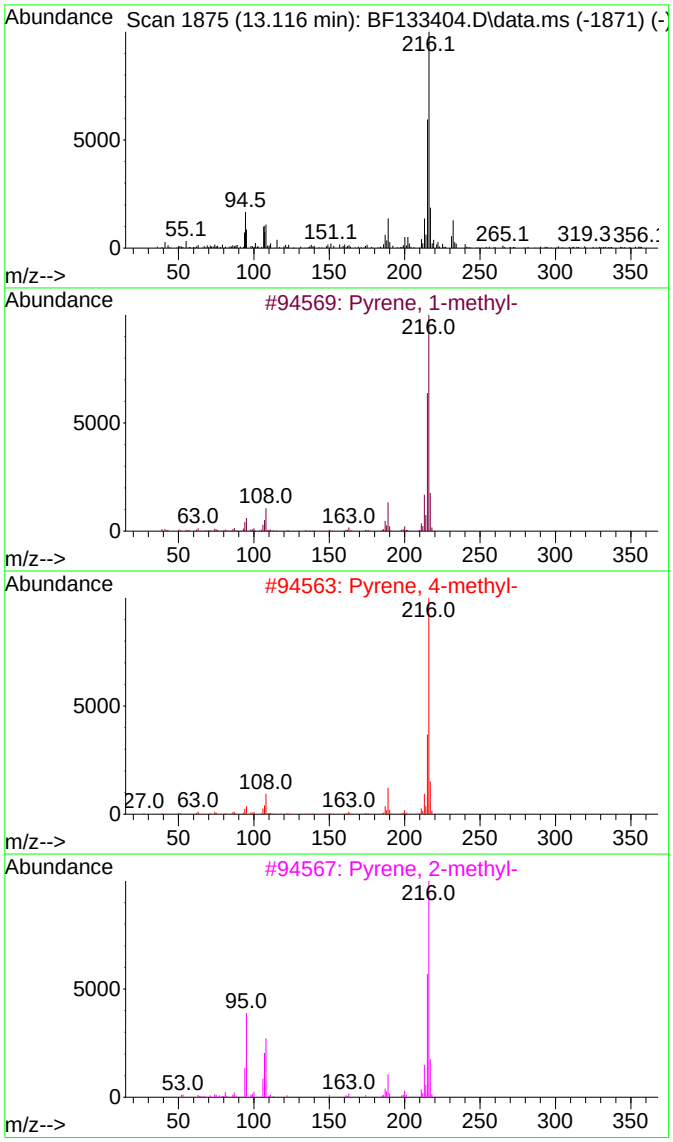
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

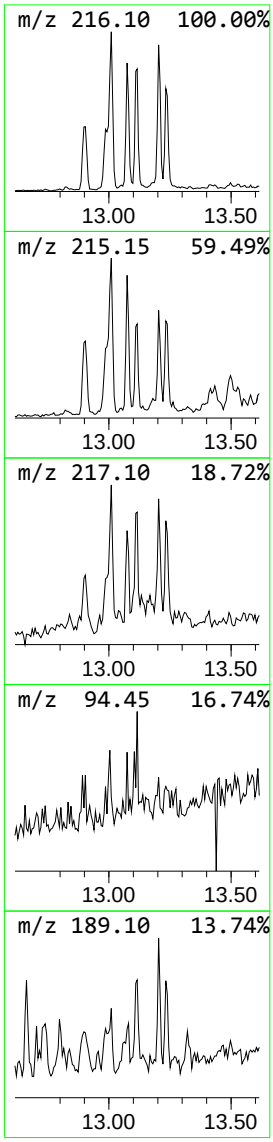
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	2.47 ng	231814	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133404.D
Acq On : 16 May 2023 16:07
Operator : CG\JU
Sample : 02802-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.887	2.7	ng	178794	1	6.716	1334650	20.0
Anthracene, 2-m...	11.769	2.9	ng	229756	4	11.239	1566550	20.0
4H-Cyclopenta[d...	11.851	3.6	ng	281560	4	11.239	1566550	20.0
9,10-Dimethylan...	12.292	2.2	ng	174841	4	11.239	1566550	20.0
Pyrene, 1-methyl-	13.116	2.5	ng	231814	5	13.880	1880710	20.0