LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134910.D
Acq On : 23 Aug 2023 18:13
Operator : CG\JU
Sample : 04082-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134910.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.575	79	83	90	rBV	17484	24524	2.12%	0.132%
2	3.840	295	298	305	rVB	10725	14076	1.22%	0.076%
3	5.416	563	566	576	rBV	849532	843880	72.88%	4.540%
4	6.428	734	738	749	rBV	1010593	883048	76.26%	4.751%
5	6.793	796	800	804	rBV	1162411	922418	79.66%	4.962%
6	7.351	891	895	898	rBV	612335	463172	40.00%	2.492%
7	7.387	899	901	905	rVB3	15902	14421	1.25%	0.078%
8	7.604	933	938	941	rVB2	52758	49640	4.29%	0.267%
9	7.798	966	971	973	rBV	44945	55052	4.75%	0.296%
10	7.816	973	974	977	rVB	45267	33617	2.90%	0.181%
11	7.975	998	1001	1004	rBV	79947	69690	6.02%	0.375%
12	8.010	1004	1007	1013	rVB2	34644	35299	3.05%	0.190%
13	8.075	1013	1018	1020	rBV	1321175	1157939	100.00%	6.229%
14	8.098	1020	1022	1025	rVV2	409292	343923	29.70%	1.850%
15	8.128	1025	1027	1031	rVB5	12308	14544	1.26%	0.078%
16	8.428	1071	1078	1080	rBV2	13945	17154	1.48%	0.092%
17	8.457	1080	1083	1086	rVB	16751	15566	1.34%	0.084%
18	8.634	1110	1113	1115	rVB	24133	17135	1.48%	0.092%
19	8.663	1115	1118	1120	rBV2	23276	21616	1.87%	0.116%
20	8.734	1125	1130	1134	rVB5	11922	15167	1.31%	0.082%
21	8.787	1135	1139	1146	rVB	460865	352280	30.42%	1.895%
22	8.887	1152	1156	1160	rBV	324251	269792	23.30%	1.451%
23	9.151	1197	1201	1204	rBV	1096772	864439	74.65%	4.650%
24	9.251	1212	1218	1223	rBV2	52038	67557	5.83%	0.363%
25	9.298	1223	1226	1229	rVB2	15387	15087	1.30%	0.081%
26	9.345	1231	1234	1240	rVB	57668	65289	5.64%	0.351%
27	9.416	1242	1246	1250	rBV	203328	220942	19.08%	1.189%
28	9.486	1254	1258	1261	rBV	180753	183476	15.85%	0.987%
29	9.516	1261	1263	1265	rVB	104541	71942	6.21%	0.387%
30	9.604	1275	1278	1283	rVB	86266	84845	7.33%	0.456%
31	9.686	1287	1292	1296	rBV	79243	76685	6.62%	0.413%
32	9.769	1303	1306	1310	rVB	23669	21417	1.85%	0.115%
33	9.834	1310	1317	1320	rBV	1220279	1101638	95.14%	5.927%
34	9.863	1320	1322	1326	rVV	145892	127271	10.99%	0.685%
35	9.898	1326	1328	1331	rVB3	16085	16075	1.39%	0.086%
36	9.945	1331	1336	1339	rBV2	62791	87653	7.57%	0.472%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134910.D
Acq On : 23 Aug 2023 18:13
Operator : CG\JU
Sample : 04082-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.981	1339	1342	1346	rVV3	19296	24404	2.11%	0.131%
38	10.034	1348	1351	1355	rVV	173773	164806	14.23%	0.887%
39	10.075	1355	1358	1364	rVV	56089	53833	4.65%	0.290%
40	10.151	1367	1371	1373	rVV	42764	39966	3.45%	0.215%
41	10.181	1373	1376	1378	rVB	36770	32134	2.78%	0.173%
42	10.239	1382	1386	1388	rBV	36885	43161	3.73%	0.232%
43	10.269	1388	1391	1393	rVV3	26877	29660	2.56%	0.160%
44	10.333	1397	1402	1403	rBV4	18516	23840	2.06%	0.128%
45	10.381	1407	1410	1413	rVV	150764	126341	10.91%	0.680%
46	10.445	1416	1421	1423	rVV2	28242	35853	3.10%	0.193%
47	10.492	1427	1429	1431	rVV2	24081	23115	2.00%	0.124%
48	10.539	1434	1437	1441	rVB2	40399	42167	3.64%	0.227%
49	10.622	1447	1451	1455	rVV	559430	476438	41.15%	2.563%
50	10.657	1455	1457	1463	rVB4	11030	15101	1.30%	0.081%
51	10.745	1469	1472	1479	rVB4	56303	82139	7.09%	0.442%
52	10.810	1480	1483	1484	rBV	24891	21288	1.84%	0.115%
53	10.845	1486	1489	1492	rVB2	32278	38354	3.31%	0.206%
54	10.875	1492	1494	1496	rBV3	14933	13942	1.20%	0.075%
55	10.986	1511	1513	1517	rBV2	15910	16746	1.45%	0.090%
56	11.069	1525	1527	1534	rVB6	19879	29169	2.52%	0.157%
57	11.128	1534	1537	1541	rVB	68647	55800	4.82%	0.300%
58	11.180	1542	1546	1547	rBV4	15335	20266	1.75%	0.109%
59	11.222	1550	1553	1557	rVB	64378	65074	5.62%	0.350%
60	11.322	1567	1570	1573	rBV	1073483	1088302	93.99%	5.855%
61	11.351	1573	1575	1578	rVV	899687	716854	61.91%	3.856%
62	11.398	1578	1583	1586	rVB	195173	164724	14.23%	0.886%
63	11.433	1586	1589	1592	rBV	30868	28431	2.46%	0.153%
64	11.557	1605	1610	1613	rBV2	85903	86281	7.45%	0.464%
65	11.622	1619	1621	1624	rBV2	29211	26694	2.31%	0.144%
66	11.657	1624	1627	1632	rVB2	23727	25465	2.20%	0.137%
67	11.828	1653	1656	1658	rBV	85624	70406	6.08%	0.379%
68	11.857	1658	1661	1666	rVV	207225	213111	18.40%	1.146%
69	11.904	1667	1669	1671	rVV	34953	31659	2.73%	0.170%
70	11.939	1672	1675	1678	rVV2	141281	154036	13.30%	0.829%
71	11.963	1678	1679	1684	rVB	53720	39331	3.40%	0.212%
72	12.127	1704	1707	1709	rBV	59228	53004	4.58%	0.285%
73	12.151	1709	1711	1715	rVB2	55400	49642	4.29%	0.267%
74	12.380	1747	1750	1753	rBV	60109	65942	5.69%	0.355%
75	12.469	1762	1765	1769	rBV	43620	55559	4.80%	0.299%
76	12.545	1774	1778	1781	rBV	1022371	861853	74.43%	4.637%

LSC Area Percent Report

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Acq On : 23 Aug 2023 18:13
Operator : CG\JU
Sample : 04082-05 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
72-11929

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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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.775	1811	1817	1820	rBV	809921	813970	70.29%	4.379%
78	12.804	1820	1822	1824	rVV	125216	99635	8.60%	0.536%
79	12.922	1839	1842	1849	rVB	854058	740202	63.92%	3.982%
80	13.104	1871	1873	1876	rVB	90710	78469	6.78%	0.422%
81	13.404	1921	1924	1927	rBV	107598	91948	7.94%	0.495%
82	13.827	1994	1996	2000	rBV	82645	69059	5.96%	0.372%
83	13.980	2017	2022	2025	rBV2	928746	1095606	94.62%	5.894%
84	14.004	2025	2026	2032	rVB	280607	213847	18.47%	1.150%
85	14.080	2035	2039	2044	rVB	542252	543592	46.94%	2.924%
86	15.021	2196	2199	2202	rBV	206513	278644	24.06%	1.499%
87	15.392	2259	2262	2266	rVB	157826	169575	14.64%	0.912%
88	15.457	2269	2273	2277	rBV	472808	550609	47.55%	2.962%

Sum of corrected areas: 18588316

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
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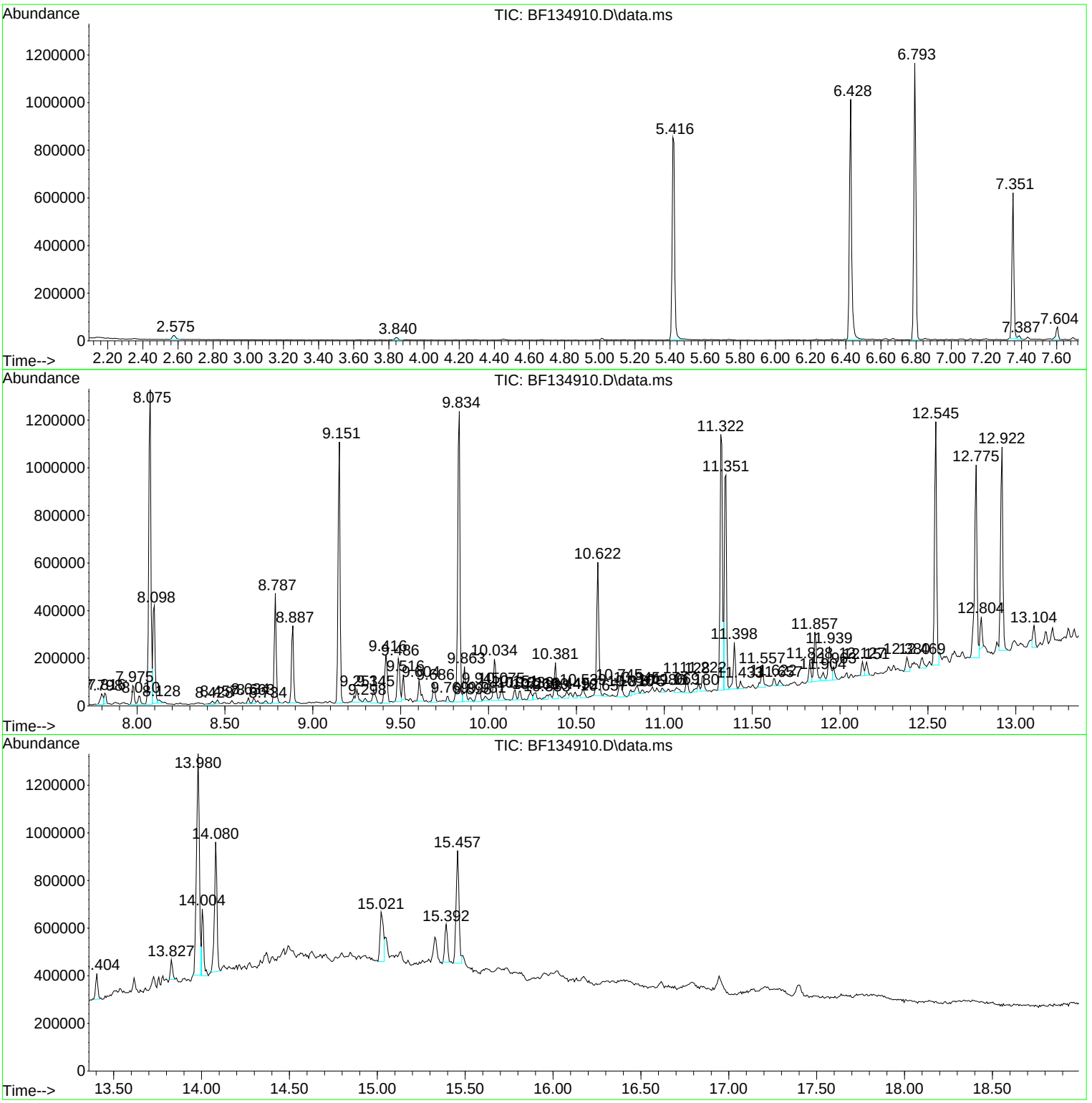
Operator : CG\JU
Sample : 04082-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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\BF082323\
Data File : BF134910.D
Acq On : 23 Aug 2023 18:13
Operator : CG\JU
Sample : 04082-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

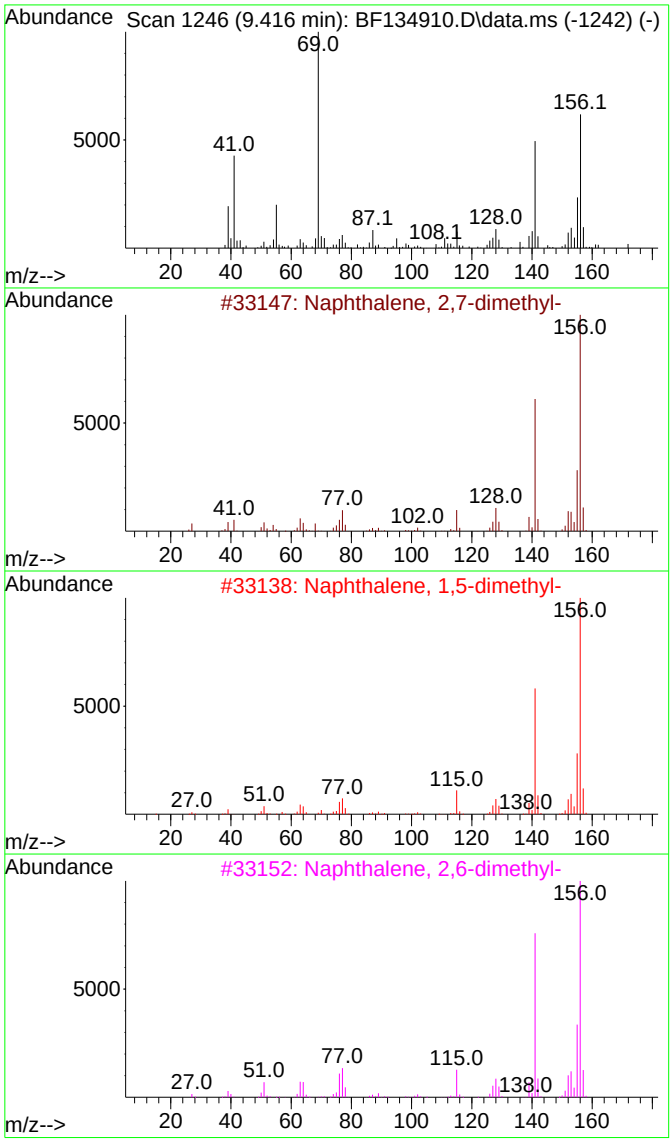
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

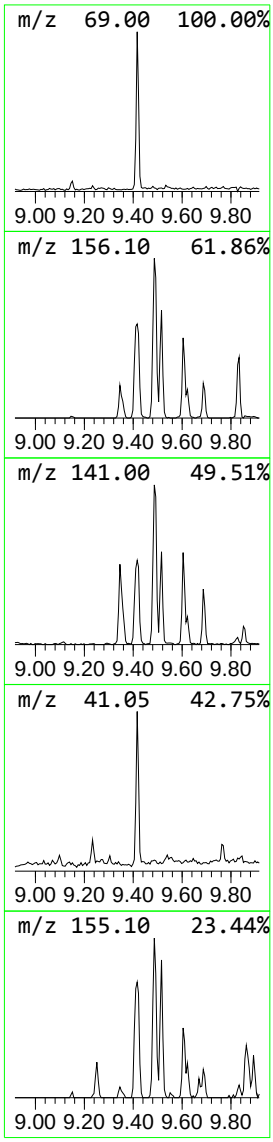
****

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	4.01 ng	220942	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134910.D
Acq On : 23 Aug 2023 18:13
Operator : CG\JU
Sample : 04082-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

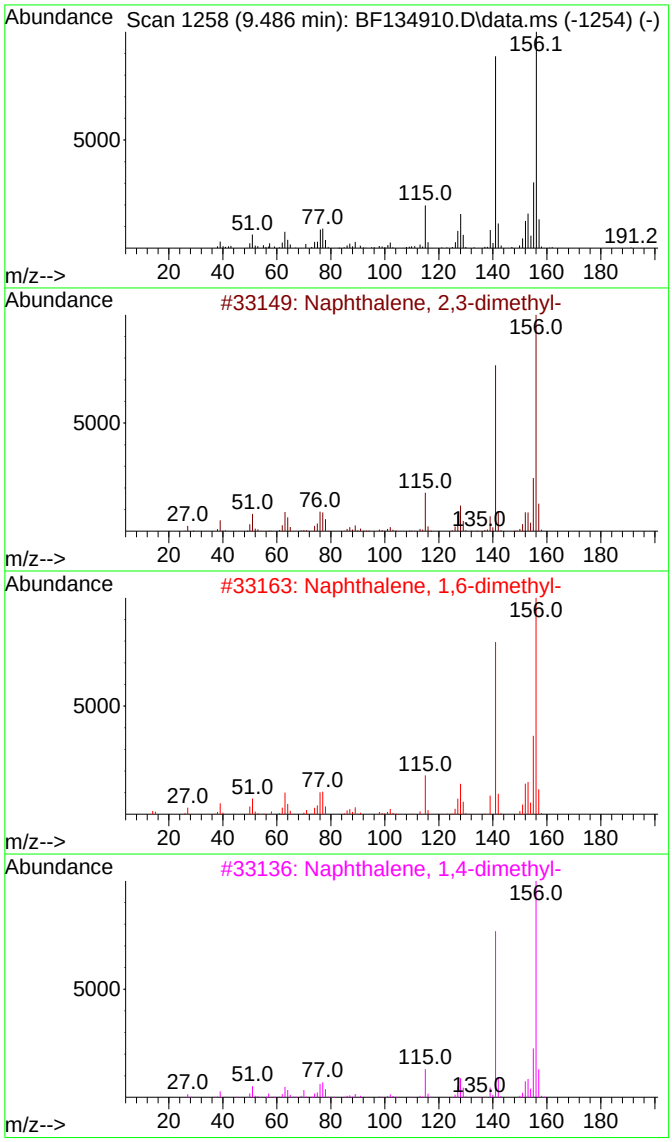
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

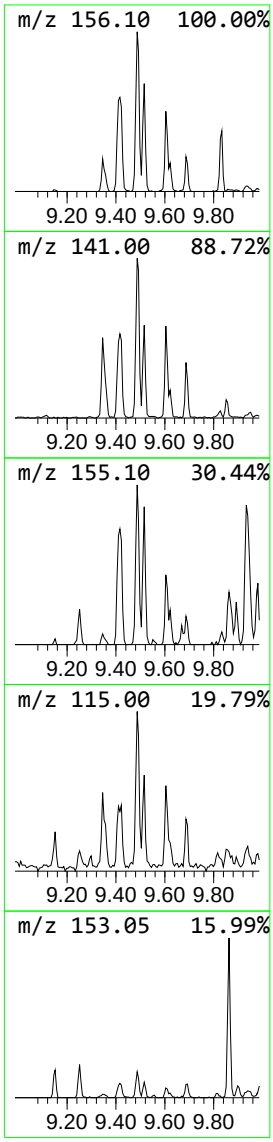
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	3.33 ng	183476	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134910.D
Acq On : 23 Aug 2023 18:13
Operator : CG\JU
Sample : 04082-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

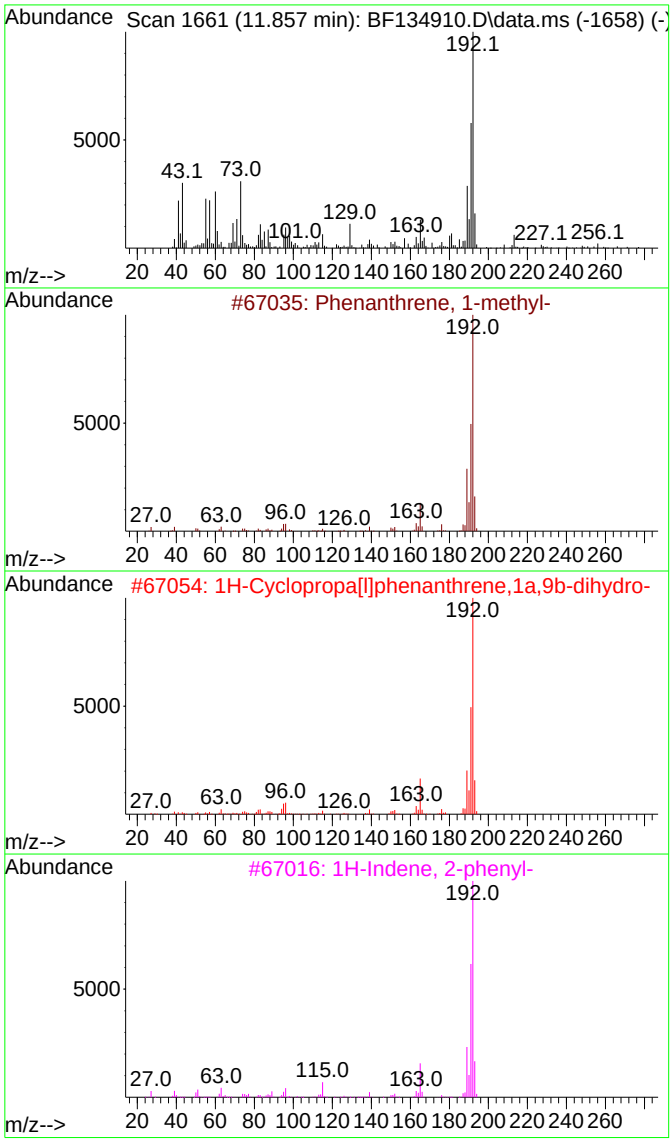
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

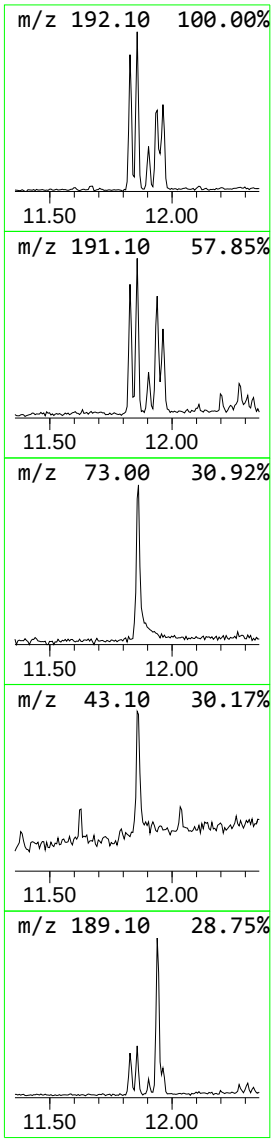
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	3.92 ng	213111	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





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Data File : BF134910.D
Acq On : 23 Aug 2023 18:13
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Sample : 04082-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

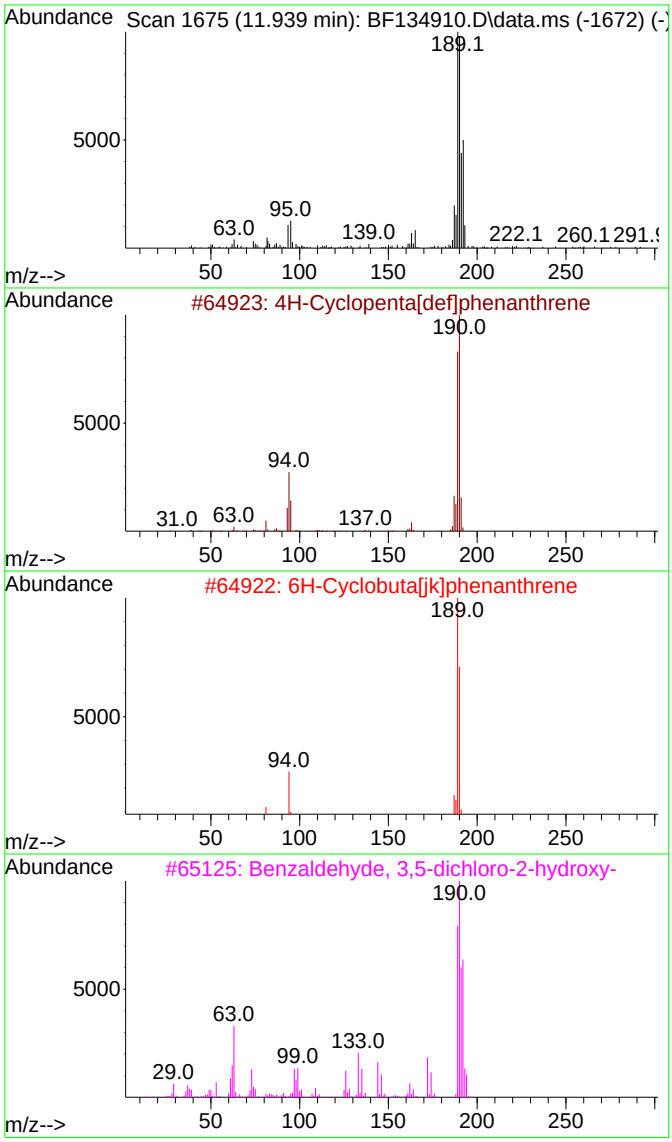
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

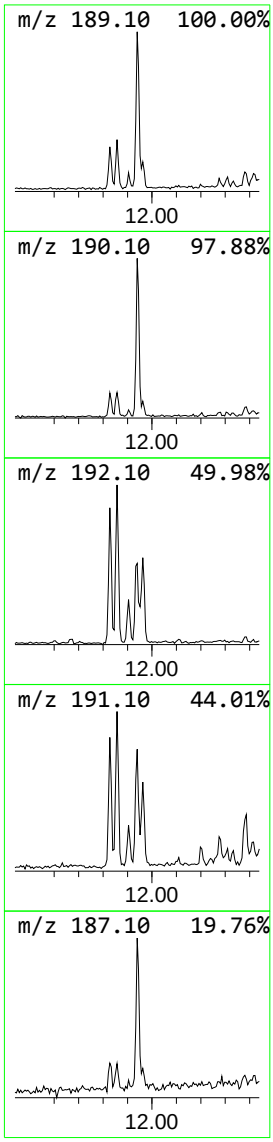
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.83 ng	154036	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	42
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134910.D
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Operator : CG\JU
Sample : 04082-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

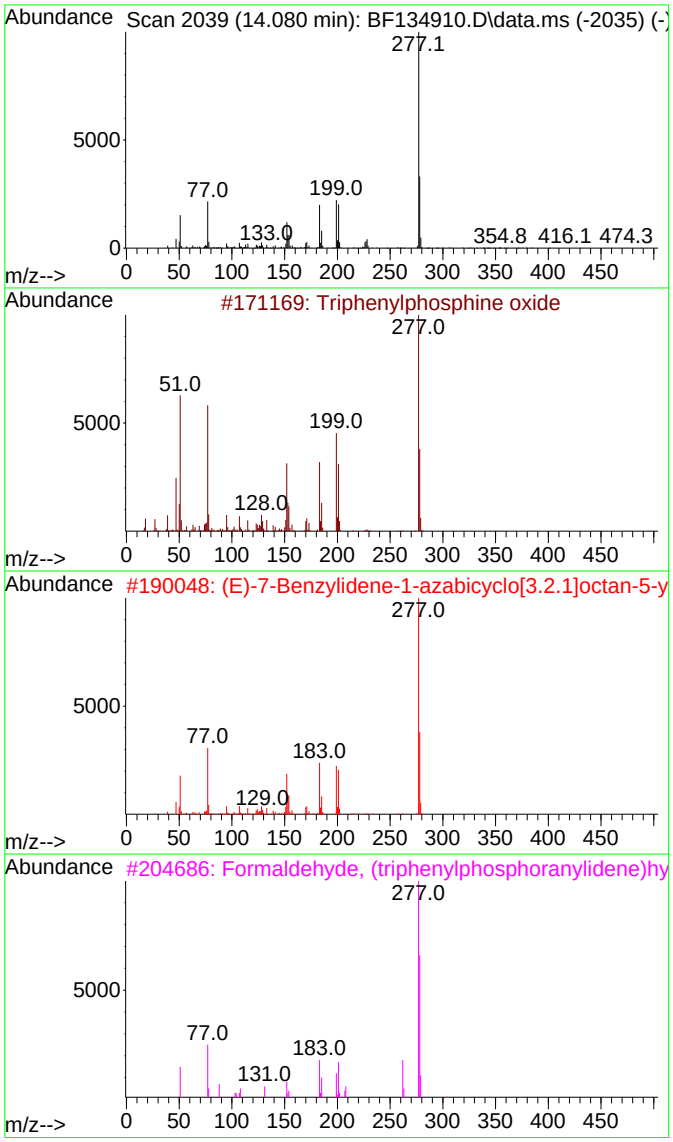
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

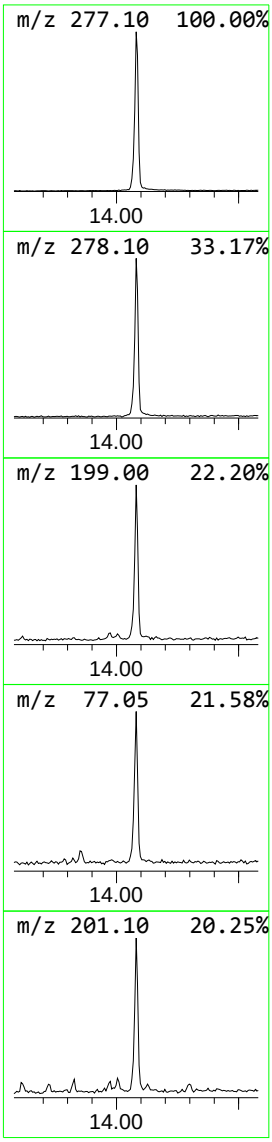
****

Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	9.92 ng	543592	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	40
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134910.D
Acq On : 23 Aug 2023 18:13
Operator : CG\JU
Sample : 04082-05 2X
Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
Naphthalene, 2,...	9.416	4.0	ng	220942	3	9.834	1101640	20.0
Naphthalene, 2,...	9.486	3.3	ng	183476	3	9.834	1101640	20.0
Phenanthrene, 1...	11.857	3.9	ng	213111	4	11.322	1088300	20.0
4H-Cyclopenta[d...	11.939	2.8	ng	154036	4	11.322	1088300	20.0
Triphenylphosph...	14.080	9.9	ng	543592	5	13.980	1095610	20.0