LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134013.D
Acq On : 28 Jun 2023 04:49
Operator : CG\JU
Sample : 03361-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134013.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	8	15	21	rVB	1242677	1615792	64.83%	6.954%
2	2.287	29	34	42	rVB	39662	60276	2.42%	0.259%
3	5.092	507	511	521	rBV	121094	140411	5.63%	0.604%
4	5.487	574	578	590	rBV	2172222	2060679	82.69%	8.869%
5	6.487	743	748	751	rBV	2298247	2371311	95.15%	10.205%
6	6.681	778	781	787	rBV2	34232	32881	1.32%	0.142%
7	6.851	806	810	815	rBV	940682	727039	29.17%	3.129%
8	7.416	901	906	909	rBV	1720695	1500880	60.22%	6.459%
9	8.128	1024	1027	1035	rVB	955066	857011	34.39%	3.688%
10	9.210	1207	1211	1214	rBV	3150894	2492198	100.00%	10.726%
11	9.286	1220	1224	1226	rBV2	37649	31760	1.27%	0.137%
12	9.751	1301	1303	1306	rVB	37769	31849	1.28%	0.137%
13	9.816	1307	1314	1317	rVV	47559	43029	1.73%	0.185%
14	9.886	1323	1326	1330	rVV	832148	694991	27.89%	2.991%
15	9.922	1330	1332	1335	rVB	46775	38311	1.54%	0.165%
16	10.092	1357	1361	1365	rBV	31172	32417	1.30%	0.140%
17	10.316	1397	1399	1402	rVB	38128	30786	1.24%	0.132%
18	10.439	1417	1420	1423	rBV	34238	34233	1.37%	0.147%
19	10.604	1444	1448	1451	rBV	359454	291788	11.71%	1.256%
20	10.680	1457	1461	1465	rBV	590334	505566	20.29%	2.176%
21	10.804	1478	1482	1489	rVB2	43696	70985	2.85%	0.305%
22	11.245	1551	1557	1560	rBV3	35795	50481	2.03%	0.217%
23	11.292	1564	1565	1568	rVB2	53888	30372	1.22%	0.131%
24	11.386	1577	1581	1583	rBV	710745	698979	28.05%	3.008%
25	11.410	1583	1585	1588	rVV	373014	303242	12.17%	1.305%
26	11.457	1591	1593	1596	rVV	99550	86826	3.48%	0.374%
27	11.492	1596	1599	1602	rVB	41050	39042	1.57%	0.168%
28	11.616	1615	1620	1625	rBV2	48642	67532	2.71%	0.291%
29	11.716	1635	1637	1644	rVB6	18137	30849	1.24%	0.133%
30	11.886	1663	1666	1668	rBV	59700	51616	2.07%	0.222%
31	11.916	1668	1671	1674	rVB	113428	100413	4.03%	0.432%
32	11.998	1682	1685	1688	rBV	100296	116379	4.67%	0.501%
33	12.186	1714	1717	1719	rBV	55302	43895	1.76%	0.189%
34	12.210	1719	1721	1725	rVB	43746	40322	1.62%	0.174%
35	12.445	1758	1761	1764	rBV	51453	61363	2.46%	0.264%
36	12.480	1764	1767	1769	rVV3	42373	45929	1.84%	0.198%

LSC Area Percent Report

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Acq On : 28 Jun 2023 04:49
Operator : CG\JU
Sample : 03361-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.533	1773	1776	1781	rVB	50439	58523	2.35%	0.252%
38	12.610	1785	1789	1792	rBV	840102	733689	29.44%	3.158%
39	12.839	1822	1828	1830	rBV	728077	813971	32.66%	3.503%
40	12.863	1830	1832	1841	rVB2	233717	298949	12.00%	1.287%
41	12.980	1848	1852	1858	rVB	2304719	2138838	85.82%	9.205%
42	13.168	1881	1884	1886	rVB2	91725	90393	3.63%	0.389%
43	13.233	1893	1895	1897	rVB	72062	51047	2.05%	0.220%
44	13.268	1899	1901	1904	rVB2	59827	59339	2.38%	0.255%
45	13.363	1915	1917	1920	rBV	44845	30630	1.23%	0.132%
46	13.457	1931	1933	1936	rVB	79260	64216	2.58%	0.276%
47	13.680	1968	1971	1975	rVB	65420	73712	2.96%	0.317%
48	13.786	1987	1989	1992	rBV2	47676	49524	1.99%	0.213%
49	13.845	1996	1999	2003	rVV2	64297	76146	3.06%	0.328%
50	13.886	2003	2006	2017	rVB	223778	308731	12.39%	1.329%
51	14.045	2026	2033	2035	rBV3	599098	980883	39.36%	4.221%
52	14.068	2035	2037	2043	rVB	316918	276622	11.10%	1.190%
53	14.515	2111	2113	2115	rBV2	56815	53566	2.15%	0.231%
54	15.104	2209	2213	2217	rBV	225973	358979	14.40%	1.545%
55	15.186	2224	2227	2230	rVB	136988	138955	5.58%	0.598%
56	15.421	2264	2267	2273	rVB	134111	185118	7.43%	0.797%
57	15.486	2274	2278	2283	rVB	188808	242989	9.75%	1.046%
58	15.551	2285	2289	2293	rBV	268612	368650	14.79%	1.587%
59	16.051	2369	2374	2380	rBV	232901	350891	14.08%	1.510%

Sum of corrected areas: 23235794

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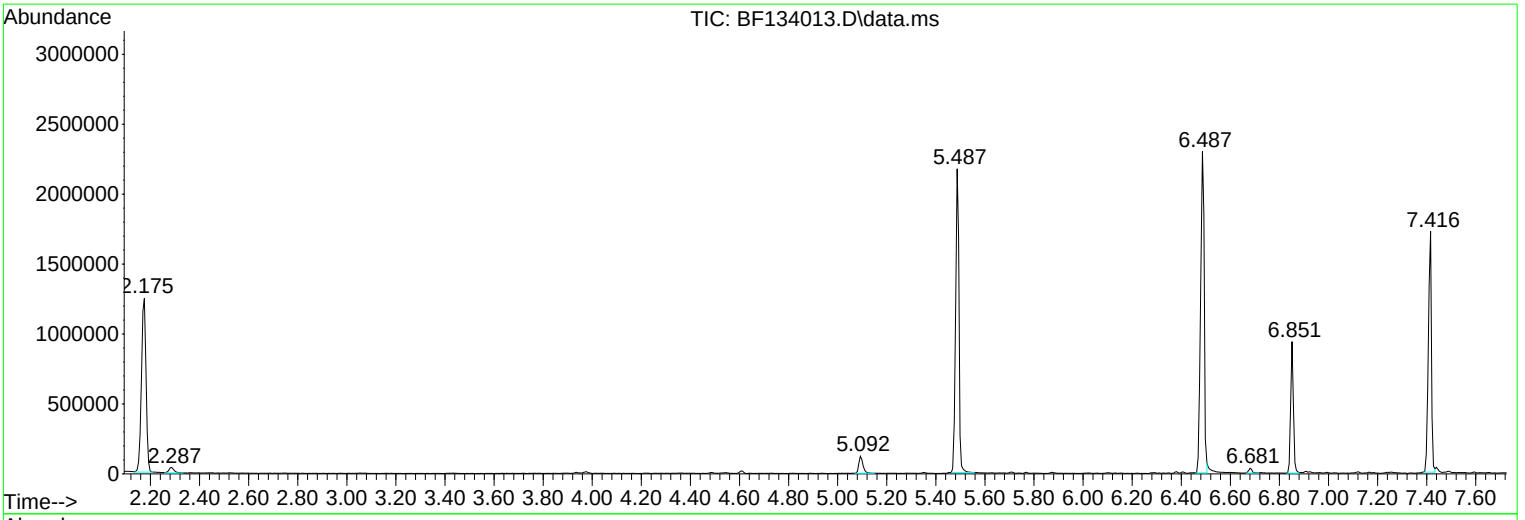
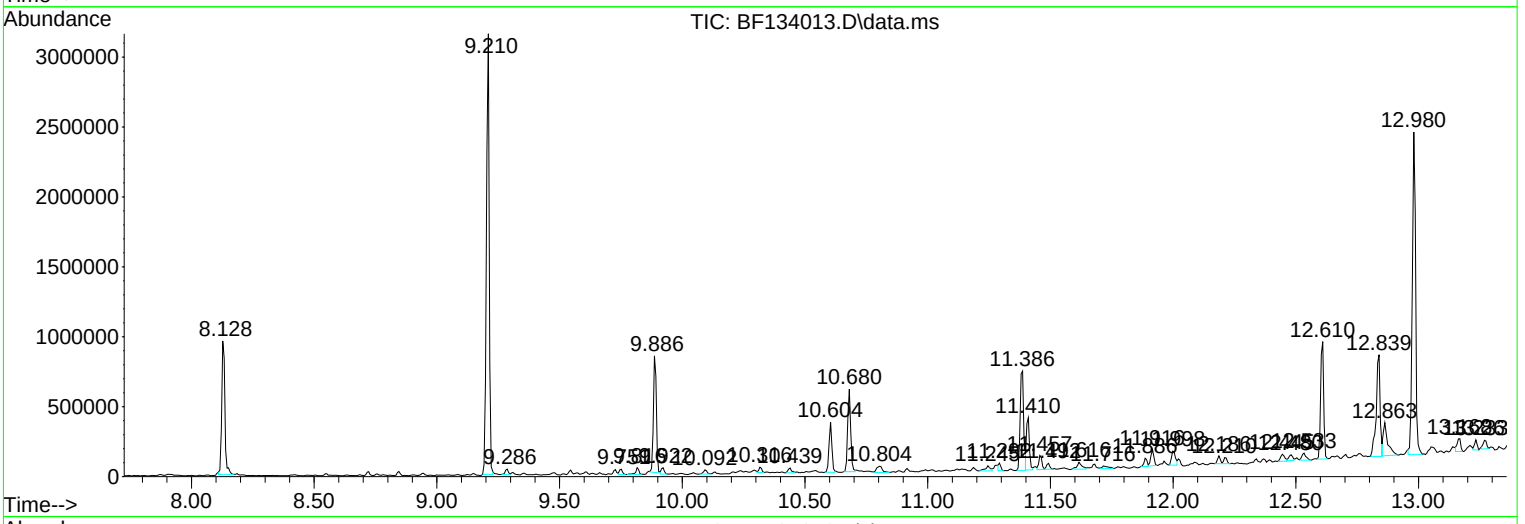
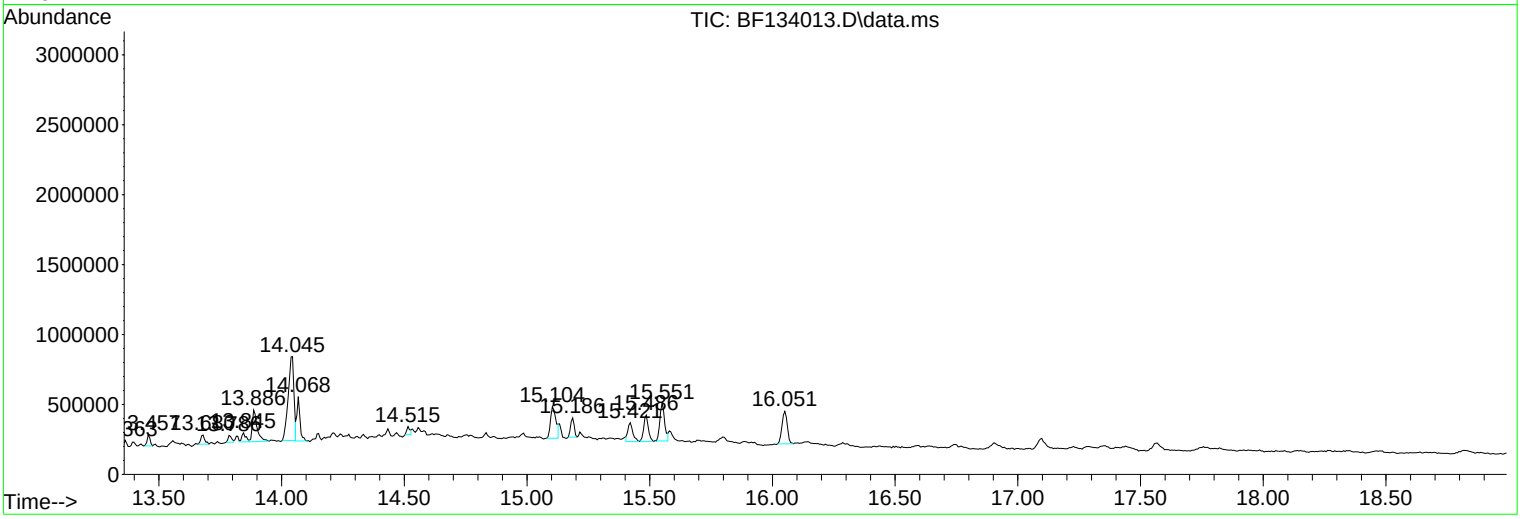
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data File : BF134013.D
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Sample : 03361-07
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

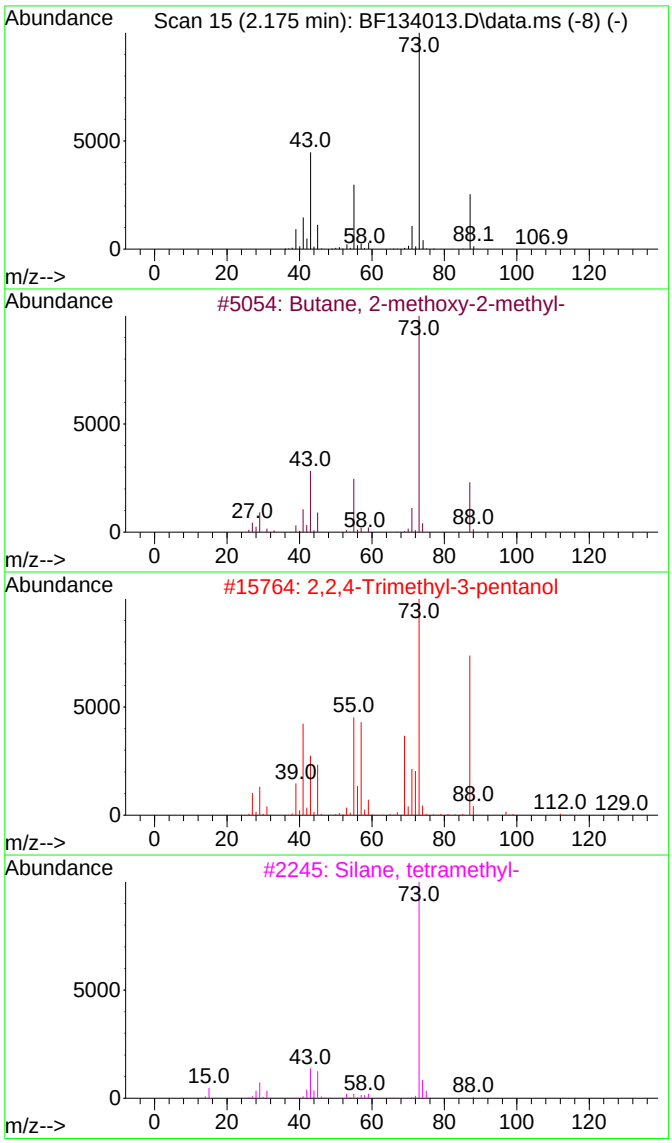
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

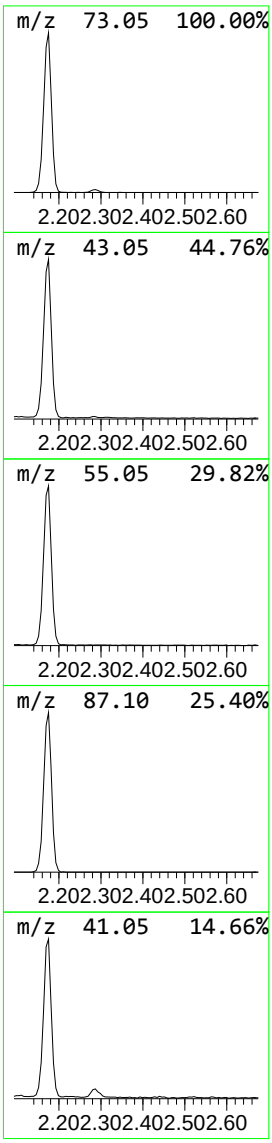
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	44.45 ng	1615790	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





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Sample : 03361-07
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Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

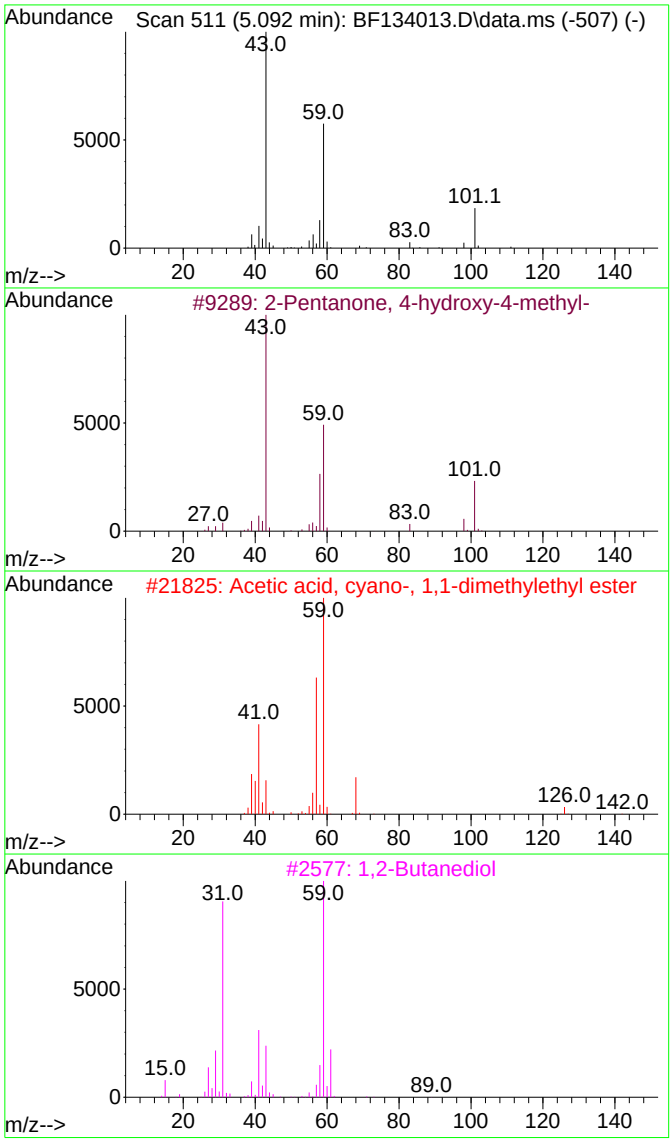
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

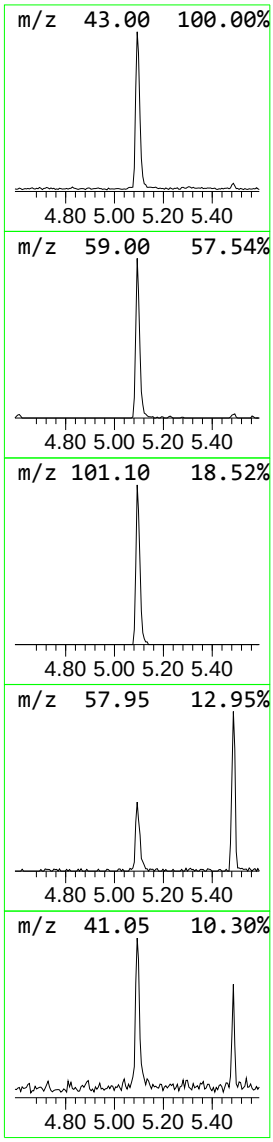
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	3.86 ng	140411	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	1,2-Butanediol	90	C4H10O2	000584-03-2	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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Misc :
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Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

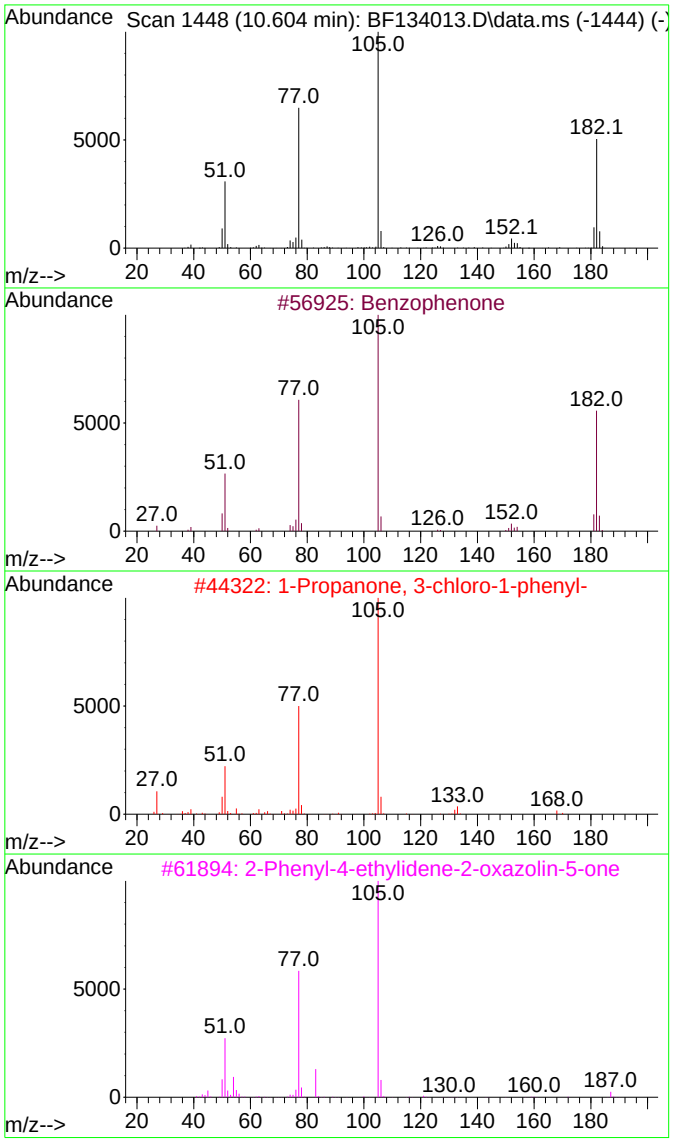
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

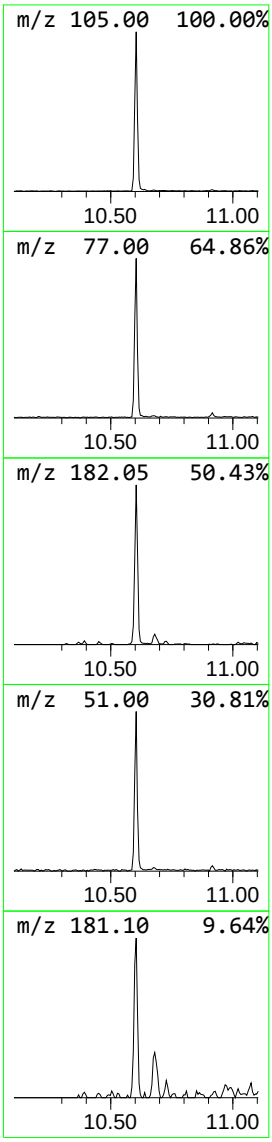
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	8.40 ng	291788	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
3	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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Sample : 03361-07
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

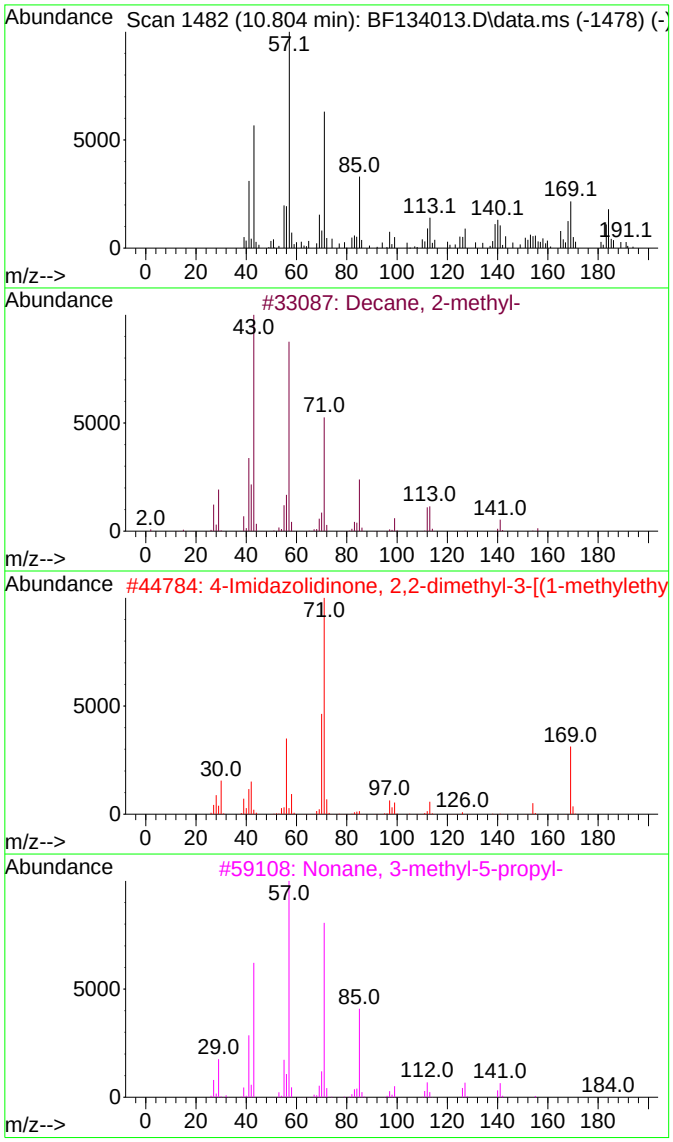
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

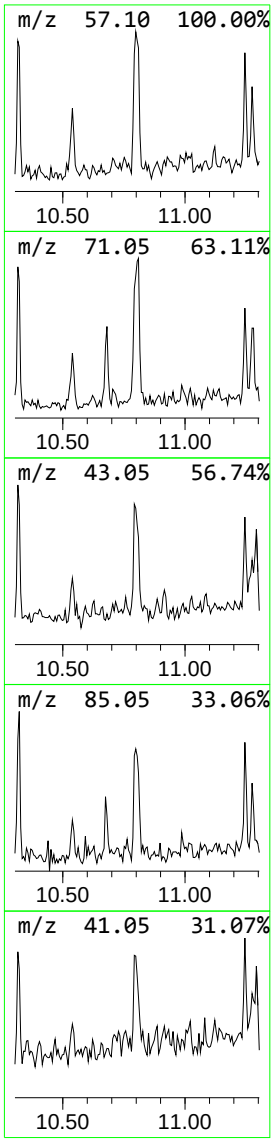
****

Peak Number 4 unknown10.804 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	2.03 ng	70985	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	43
2	4-Imidazolidinone, 2,2-dimethyl-...	169	C8H15N3O	142071-78-1	41
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	38
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
5	Decane, 5-propyl-	184	C13H28	017312-62-8	35





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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

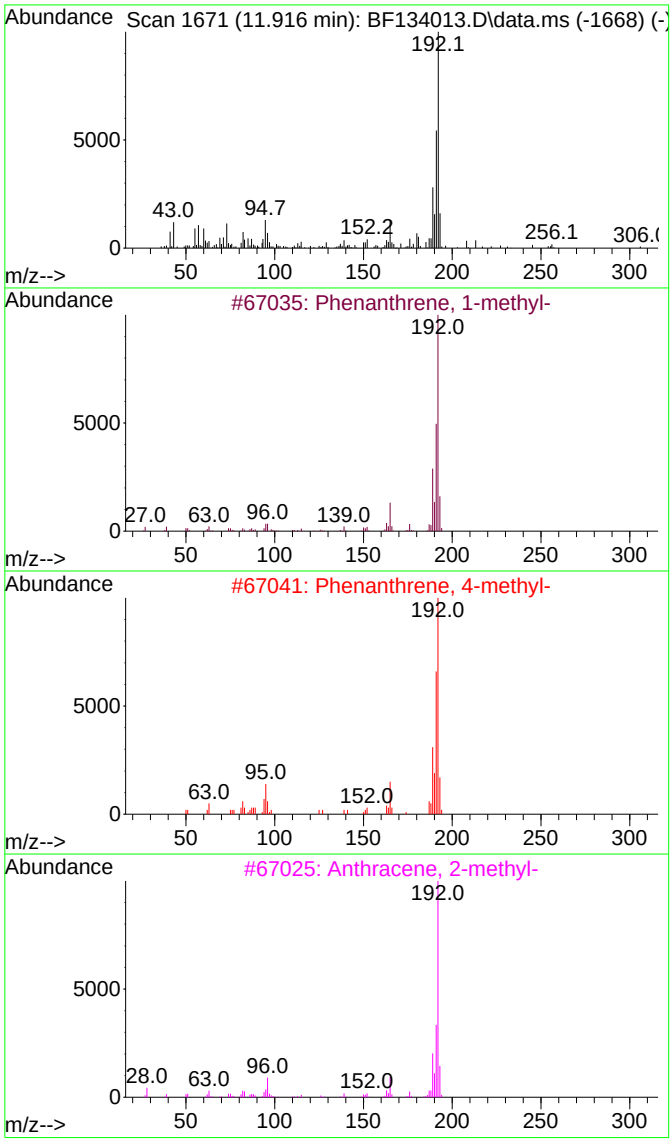
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

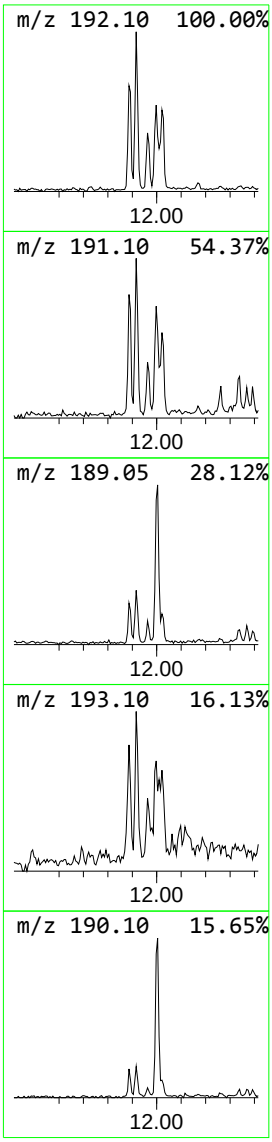
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	2.87 ng	100413	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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BNA_F
ClientSampleId :
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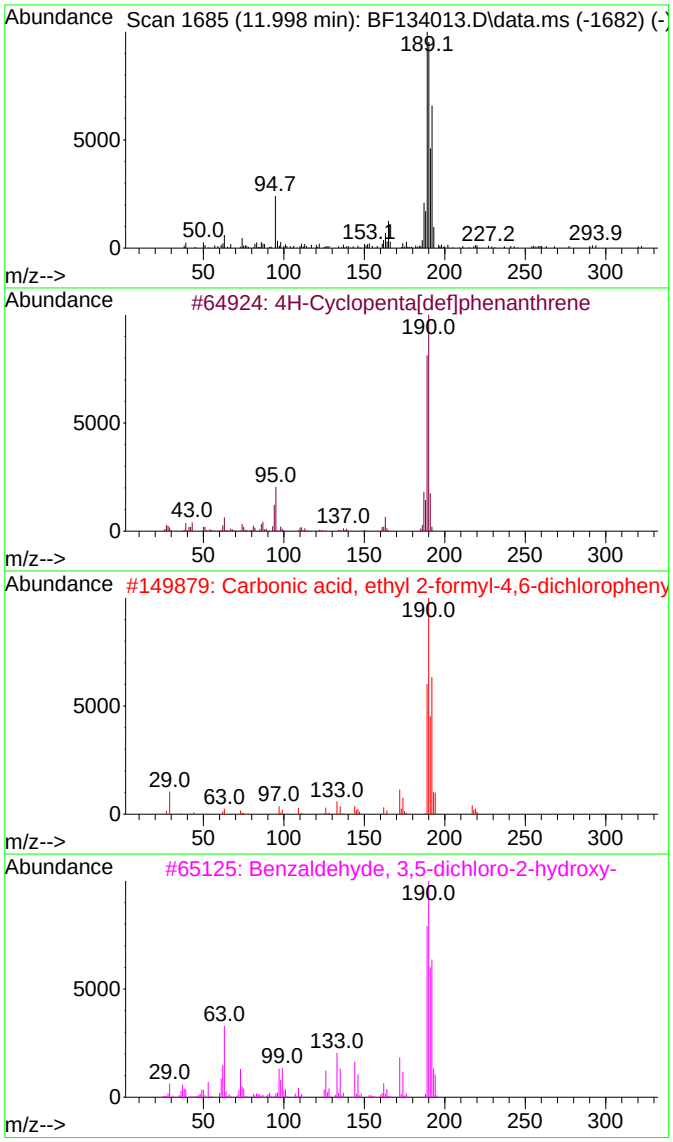
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

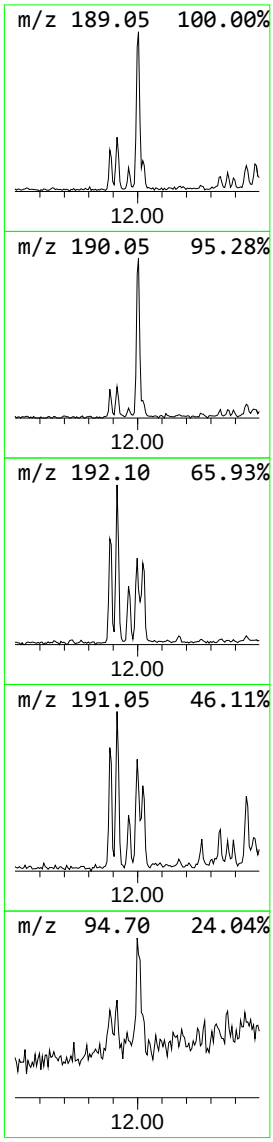
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	3.33 ng	116379	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134013.D
Acq On : 28 Jun 2023 04:49
Operator : CG\JU
Sample : 03361-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

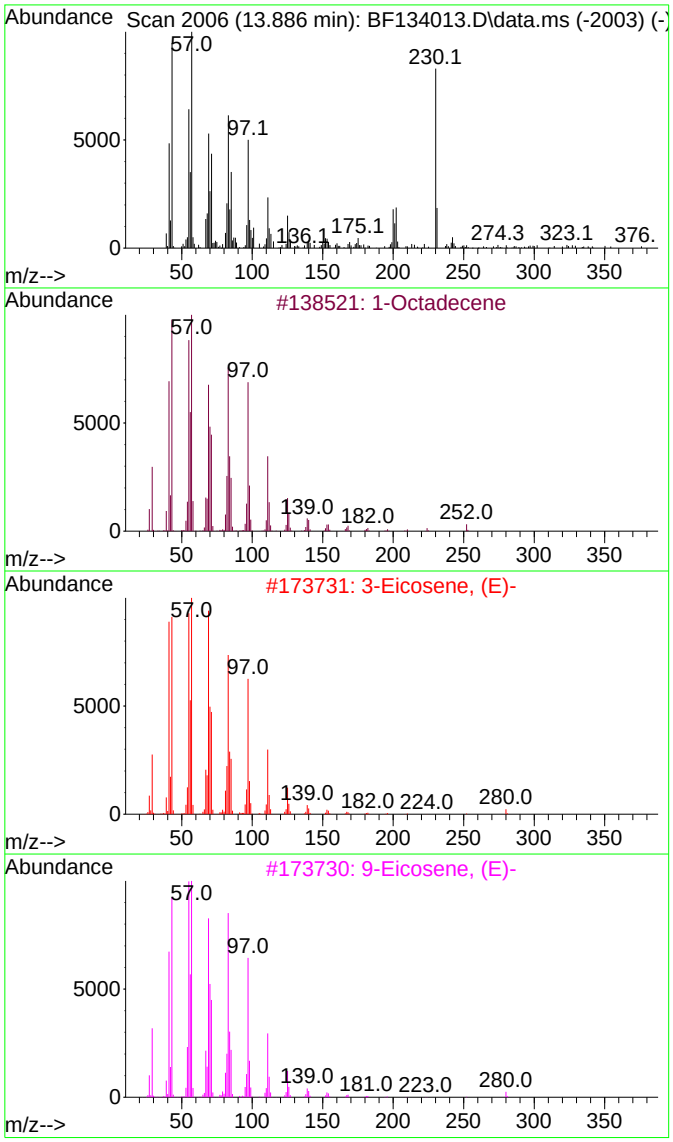
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

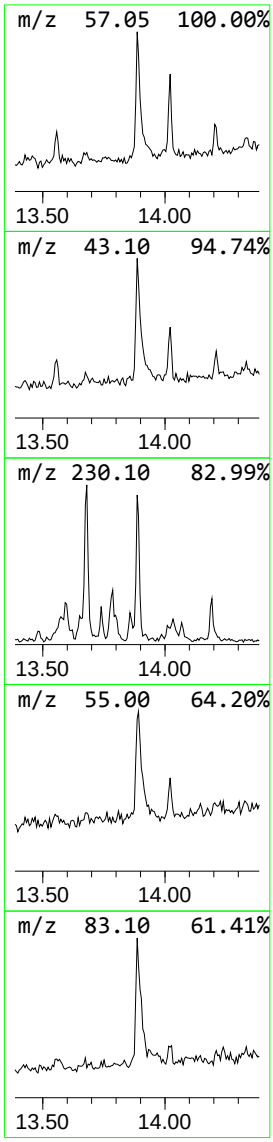
****

Peak Number 7 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	6.29 ng	308731	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	70
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70
5	17-Pentatriacontene	491	C35H70	006971-40-0	55





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Acq On : 28 Jun 2023 04:49
Operator : CG\JU
Sample : 03361-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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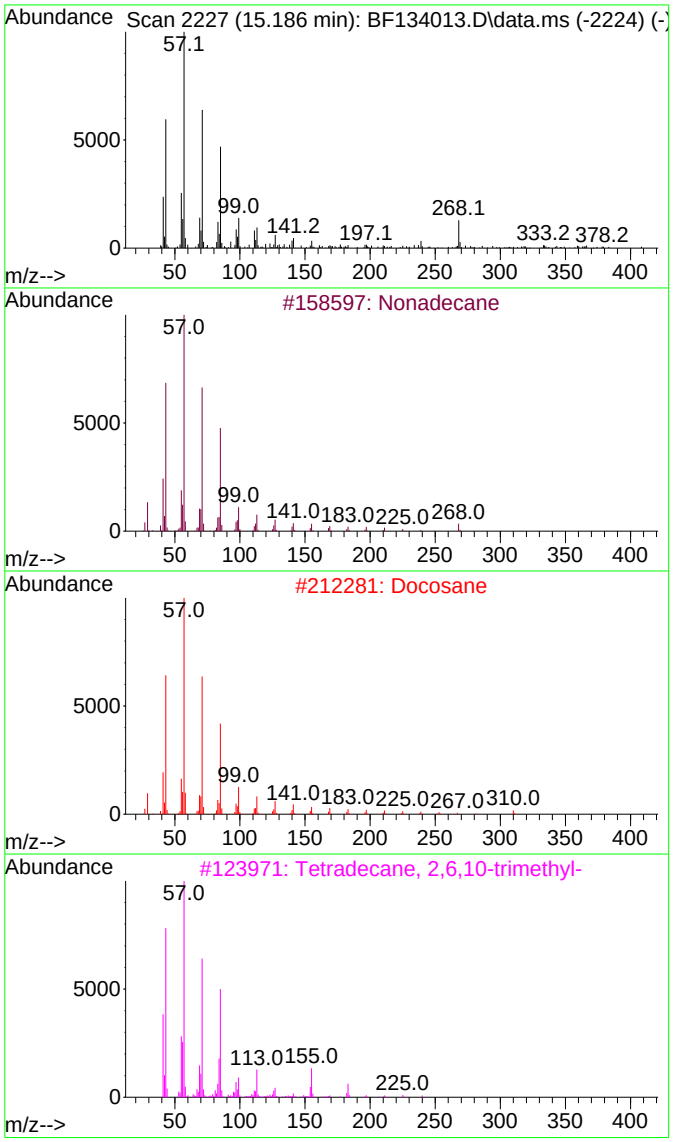
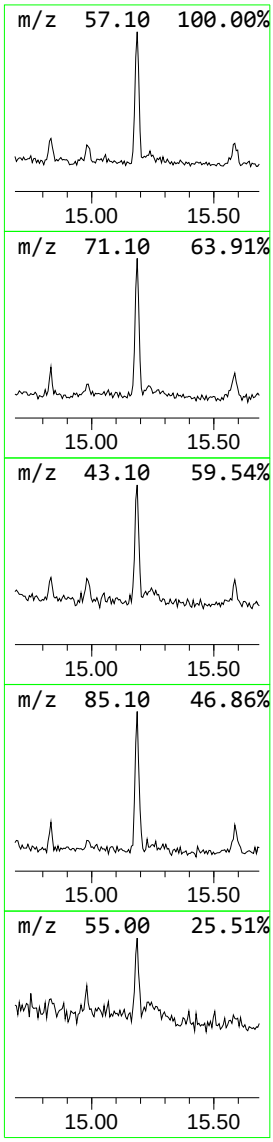
Peak Number 8 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	7.54 ng	138955	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Docosane	310	C22H46	000629-97-0	91
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heneicosane	296	C21H44	000629-94-7	87





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Data File : BF134013.D
Acq On : 28 Jun 2023 04:49
Operator : CG\JU
Sample : 03361-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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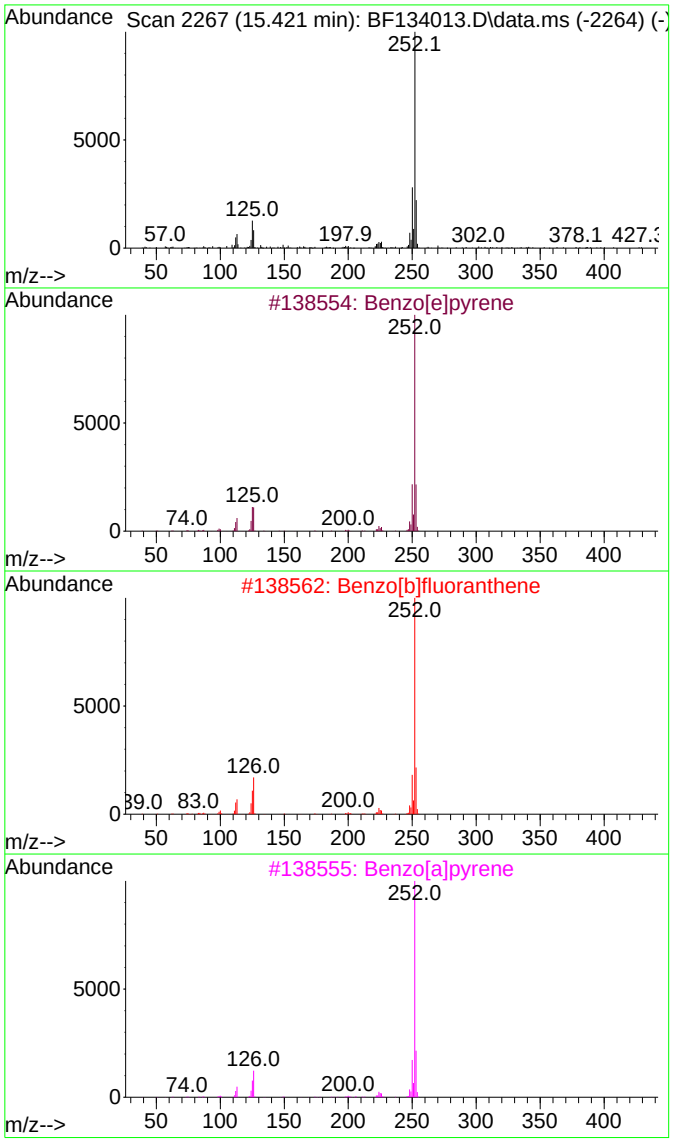
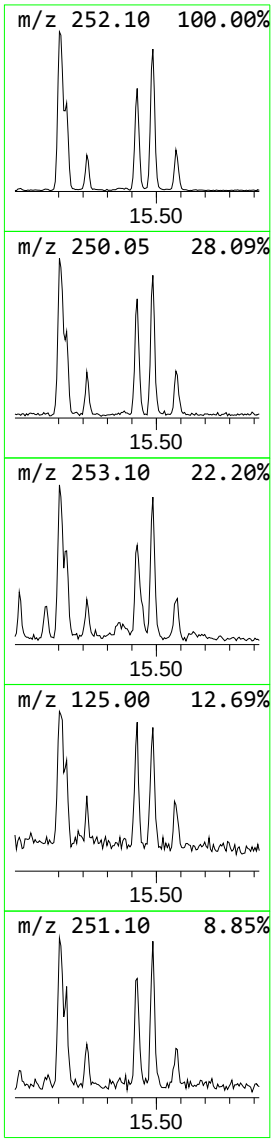
Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	10.04 ng	185118	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134013.D
Acq On : 28 Jun 2023 04:49
Operator : CG\JU
Sample : 03361-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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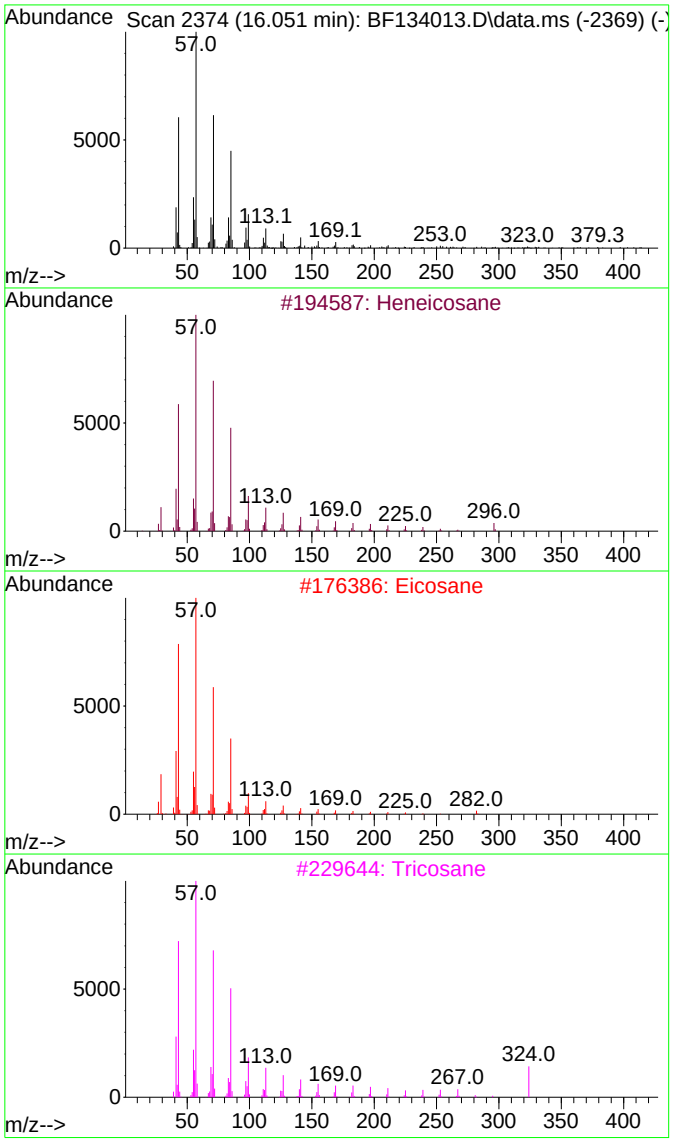
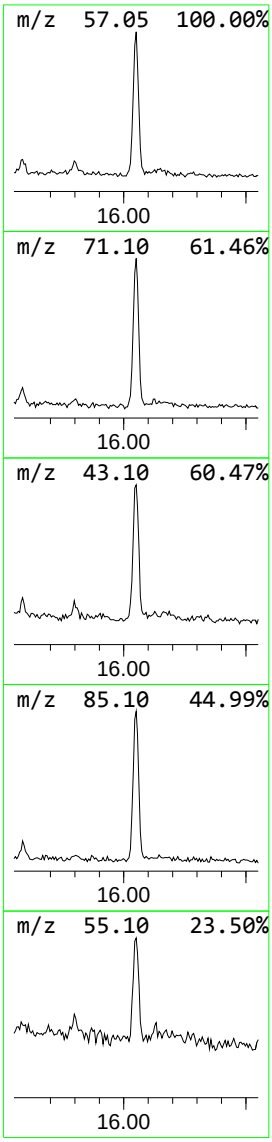
Peak Number 10 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	19.04 ng	350891	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Tricosane	324	C23H48	000638-67-5	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134013.D
Acq On : 28 Jun 2023 04:49
Operator : CG\JU
Sample : 03361-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-31-36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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...	2.175	44.5	ng	1615790	1	6.851	727039	20.0
2-Pentanone, 4-...	5.092	3.9	ng	140411	1	6.851	727039	20.0
Benzophenone	10.604	8.4	ng	291788	3	9.886	694991	20.0
unknown10.804	10.804	2.0	ng	70985	4	11.386	698979	20.0
Phenanthrene, 1...	11.916	2.9	ng	100413	4	11.386	698979	20.0
4H-Cyclopenta[d...	11.998	3.3	ng	116379	4	11.386	698979	20.0
1-Octadecene	13.886	6.3	ng	308731	5	14.045	980883	20.0
Nonadecane	15.186	7.5	ng	138955	6	15.551	368650	20.0
Benzo[e]pyrene	15.421	10.0	ng	185118	6	15.551	368650	20.0
Heneicosane	16.051	19.0	ng	350891	6	15.551	368650	20.0