LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-03142023

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132809.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.199	439	444	457	rBV	1339950	1570230	45.82%	3.203%
2	5.599	508	512	529	rBV	3340392	3426729	100.00%	6.989%
3	6.598	678	682	695	rBV	3184532	3274912	95.57%	6.679%
4	6.787	711	714	718	rBV	113773	99154	2.89%	0.202%
5	6.963	741	744	748	rBV	1363527	1080970	31.55%	2.205%
6	7.275	795	797	803	rVB2	71439	91516	2.67%	0.187%
7	7.493	829	834	836	rBV	118054	123818	3.61%	0.253%
8	7.528	836	840	842	rBV	2568462	2163945	63.15%	4.413%
9	7.604	847	853	856	rBV5	94903	125007	3.65%	0.255%
10	7.645	856	860	864	rBV4	57104	99473	2.90%	0.203%
11	7.769	876	881	888	rVB3	148057	231223	6.75%	0.472%
12	7.857	888	896	898	rBV5	123789	182857	5.34%	0.373%
13	7.881	898	900	903	rBV2	103223	121566	3.55%	0.248%
14	7.916	903	906	909	rVV3	107246	117527	3.43%	0.240%
15	7.981	915	917	920	rVV	240890	193068	5.63%	0.394%
16	8.140	942	944	948	rBV3	86085	114312	3.34%	0.233%
17	8.187	948	952	954	rBV4	73201	99140	2.89%	0.202%
18	8.216	954	957	960	rVV	587279	616627	17.99%	1.258%
19	8.245	960	962	968	rVV	1762266	1617996	47.22%	3.300%
20	8.292	968	970	973	rVB2	372413	288089	8.41%	0.588%
21	8.328	973	976	981	rBV4	117482	151463	4.42%	0.309%
22	8.440	993	995	998	rVB2	166406	133761	3.90%	0.273%
23	8.528	1006	1010	1015	rVB4	314760	363763	10.62%	0.742%
24	8.587	1015	1020	1022	rBV4	127917	199755	5.83%	0.407%
25	8.610	1022	1024	1025	rVV	128215	96106	2.80%	0.196%
26	8.628	1025	1027	1029	rVV	140059	112649	3.29%	0.230%
27	8.651	1029	1031	1034	rVB	342939	249957	7.29%	0.510%
28	8.745	1044	1047	1050	rBV	396678	331269	9.67%	0.676%
29	8.822	1058	1060	1065	rVB	857056	694664	20.27%	1.417%
30	8.869	1065	1068	1070	rBV4	83224	109188	3.19%	0.223%
31	8.910	1072	1075	1081	rVB6	176741	258795	7.55%	0.528%
32	8.963	1081	1084	1086	rVB	112998	94575	2.76%	0.193%
33	9.063	1099	1101	1104	rBV2	340773	324459	9.47%	0.662%
34	9.104	1106	1108	1110	rVV2	164837	125396	3.66%	0.256%
35	9.151	1113	1116	1119	rVB3	151497	186137	5.43%	0.380%
36	9.187	1119	1122	1125	rBV2	281014	298386	8.71%	0.609%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-03142023

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.257	1131	1134	1136	rVB2	296423	248004	7.24%	0.506%
38	9.322	1141	1145	1148	rVB	3985343	3306613	96.49%	6.744%
39	9.386	1153	1156	1160	rVV	1038754	927652	27.07%	1.892%
40	9.428	1161	1163	1166	rVV3	103506	112200	3.27%	0.229%
41	9.469	1168	1170	1172	rVB	212264	156453	4.57%	0.319%
42	9.498	1172	1175	1180	rBV5	95316	125310	3.66%	0.256%
43	9.581	1186	1189	1195	rBV5	122267	208461	6.08%	0.425%
44	9.645	1195	1200	1201	rBV3	158631	241350	7.04%	0.492%
45	9.663	1201	1203	1205	rVV2	249101	252777	7.38%	0.516%
46	9.710	1208	1211	1219	rVV4	391264	670688	19.57%	1.368%
47	9.769	1219	1221	1225	rVV2	171424	214307	6.25%	0.437%
48	9.869	1235	1238	1240	rBV2	141074	130019	3.79%	0.265%
49	9.922	1244	1247	1251	rVB	1165054	937910	27.37%	1.913%
50	10.004	1259	1261	1264	rVV	1474729	1243066	36.28%	2.535%
51	10.104	1275	1278	1282	rBV2	88786	122978	3.59%	0.251%
52	10.157	1283	1287	1289	rBV2	124359	179141	5.23%	0.365%
53	10.181	1289	1291	1293	rVV2	128241	103375	3.02%	0.211%
54	10.210	1293	1296	1298	rVB3	186631	182561	5.33%	0.372%
55	10.239	1298	1301	1306	rBV4	262820	343573	10.03%	0.701%
56	10.281	1306	1308	1311	rVB	148981	128043	3.74%	0.261%
57	10.316	1311	1314	1318	rBV4	148270	228841	6.68%	0.467%
58	10.351	1318	1320	1325	rVB3	100268	130941	3.82%	0.267%
59	10.422	1328	1332	1335	rBV	1114673	938428	27.39%	1.914%
60	10.557	1348	1355	1357	rBV4	195580	299299	8.73%	0.610%
61	10.639	1364	1369	1372	rBV2	373168	463407	13.52%	0.945%
62	10.692	1376	1378	1380	rBV	129561	119562	3.49%	0.244%
63	10.716	1380	1382	1387	rVB	929998	838952	24.48%	1.711%
64	10.763	1387	1390	1393	rVB3	158763	132598	3.87%	0.270%
65	10.798	1393	1396	1400	rBV	1810514	1661958	48.50%	3.390%
66	10.892	1409	1412	1418	rBV	1051306	1181902	34.49%	2.411%
67	11.086	1442	1445	1447	rBV	122664	136300	3.98%	0.278%
68	11.181	1458	1461	1464	rVB2	132322	114440	3.34%	0.233%
69	11.345	1485	1489	1491	rBV	498060	419526	12.24%	0.856%
70	11.375	1491	1494	1496	rVV	190087	192424	5.62%	0.392%
71	11.498	1512	1515	1517	rBV	919103	808071	23.58%	1.648%
72	11.522	1517	1519	1524	rVV	586145	517070	15.09%	1.055%
73	11.575	1526	1528	1533	rVV	105486	109717	3.20%	0.224%
74	11.728	1551	1554	1558	rBV3	55288	94476	2.76%	0.193%
75	11.769	1558	1561	1564	rVV	380551	325692	9.50%	0.664%
76	11.875	1576	1579	1582	rVB	592517	465109	13.57%	0.949%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.004	1598	1601	1603	rBV	147897	124762	3.64%	0.254%
78	12.033	1603	1606	1609	rVB	177978	157720	4.60%	0.322%
79	12.116	1617	1620	1622	rVV2	185294	200825	5.86%	0.410%
80	12.139	1622	1624	1628	rVB	108079	94893	2.77%	0.194%
81	12.180	1628	1631	1634	rBV	348070	283783	8.28%	0.579%
82	12.563	1692	1696	1698	rBV3	1738806	1710615	49.92%	3.489%
83	12.586	1698	1700	1707	rVB2	1239939	1153385	33.66%	2.352%
84	12.645	1707	1710	1712	rBV3	68639	92655	2.70%	0.189%
85	12.669	1712	1714	1719	rVB2	266194	217022	6.33%	0.443%
86	12.722	1719	1723	1726	rBV	725498	631197	18.42%	1.287%
87	12.951	1756	1762	1768	rBV	775726	904059	26.38%	1.844%
88	13.086	1781	1785	1788	rBV	2095400	1736346	50.67%	3.541%
89	13.163	1795	1798	1805	rBV4	77687	147323	4.30%	0.300%
90	13.274	1811	1817	1820	rBV	128502	237835	6.94%	0.485%
91	13.386	1833	1836	1839	rVV	122443	113104	3.30%	0.231%
92	13.510	1854	1857	1859	rBV	112508	90731	2.65%	0.185%
93	14.157	1962	1967	1969	rBV2	826007	1078248	31.47%	2.199%
94	14.180	1969	1971	1976	rVB	294792	269208	7.86%	0.549%
95	14.574	2036	2038	2040	rBV	91851	92069	2.69%	0.188%
96	15.233	2146	2150	2153	rBV	170110	255153	7.45%	0.520%
97	15.557	2202	2205	2211	rVB	122082	162395	4.74%	0.331%
98	15.621	2213	2216	2221	rVV	178268	235848	6.88%	0.481%
99	15.686	2223	2227	2231	rVB	386166	529968	15.47%	1.081%
100	17.092	2462	2466	2467	rBV3	99639	129379	3.78%	0.264%

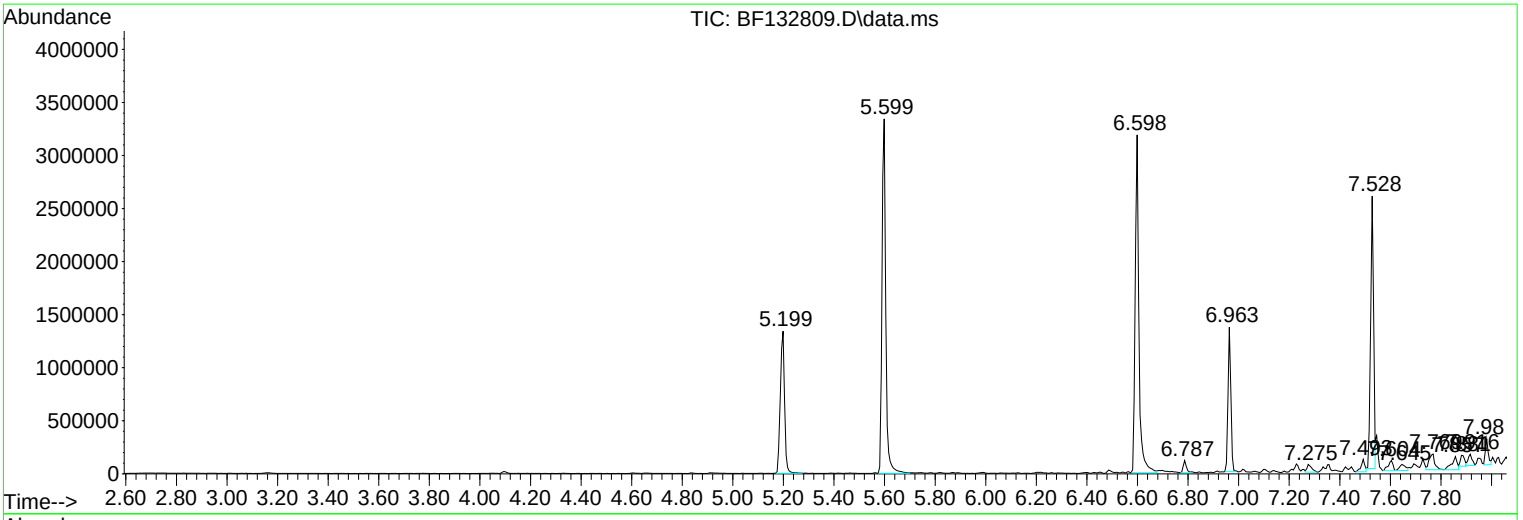
Sum of corrected areas: 49030199

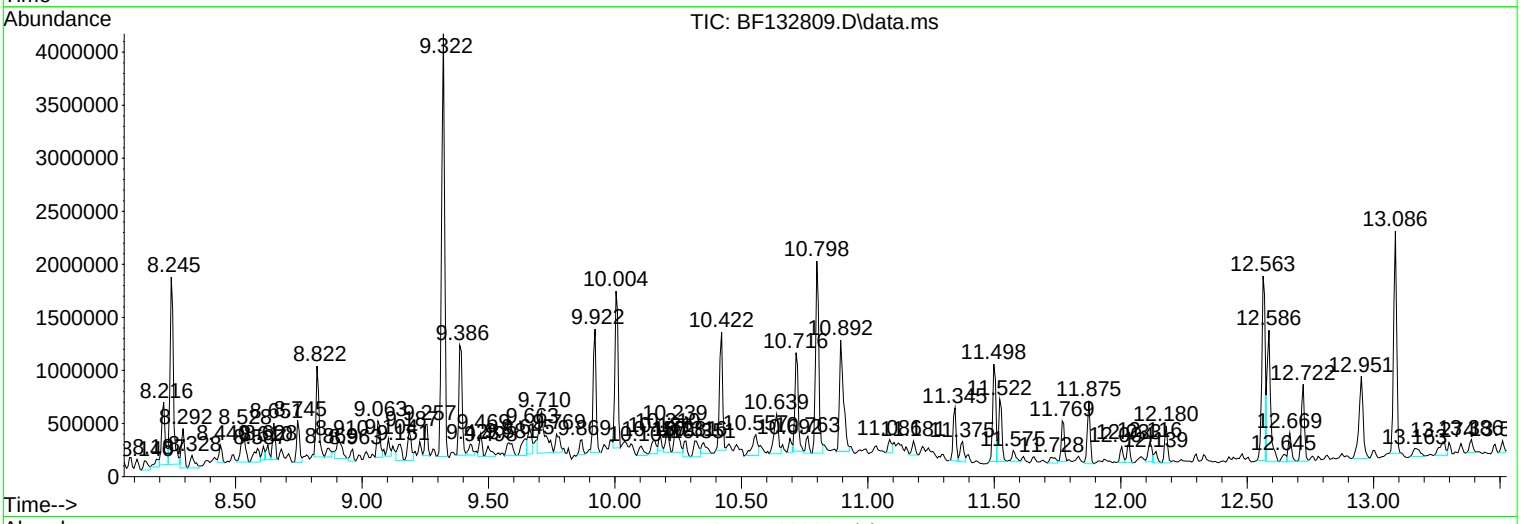
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

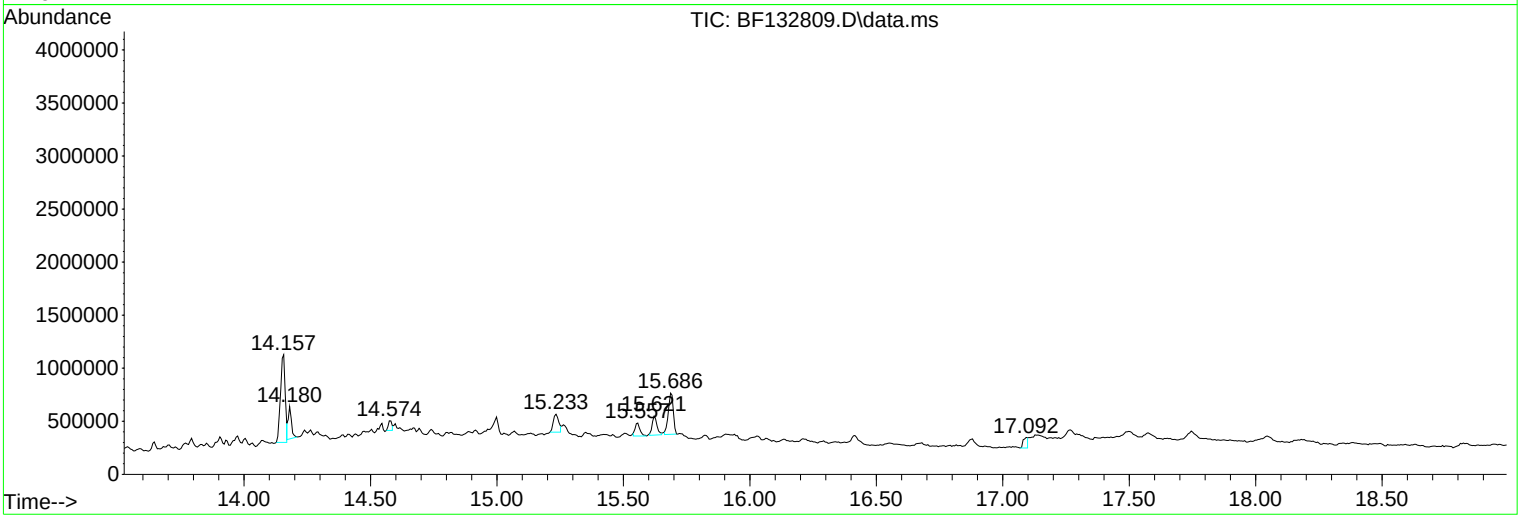
Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

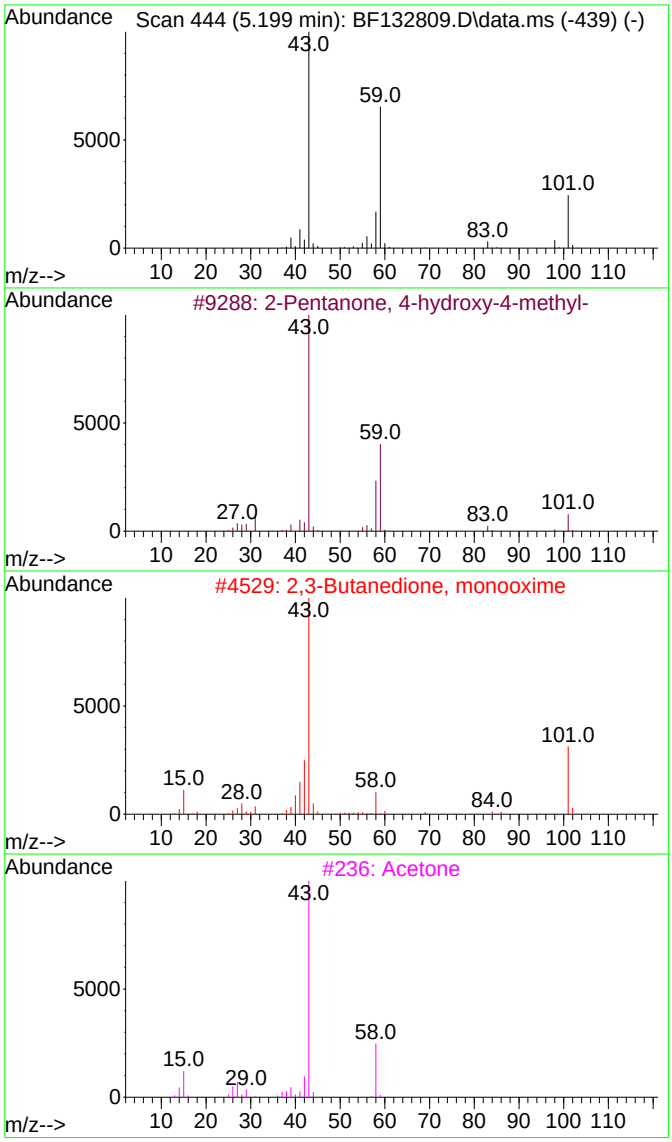
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

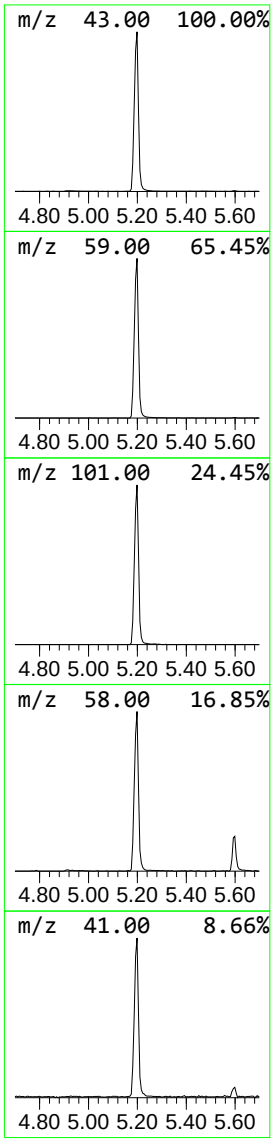
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.199	29.05 ng	1570230	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetone	58	C3H6O	000067-64-1	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

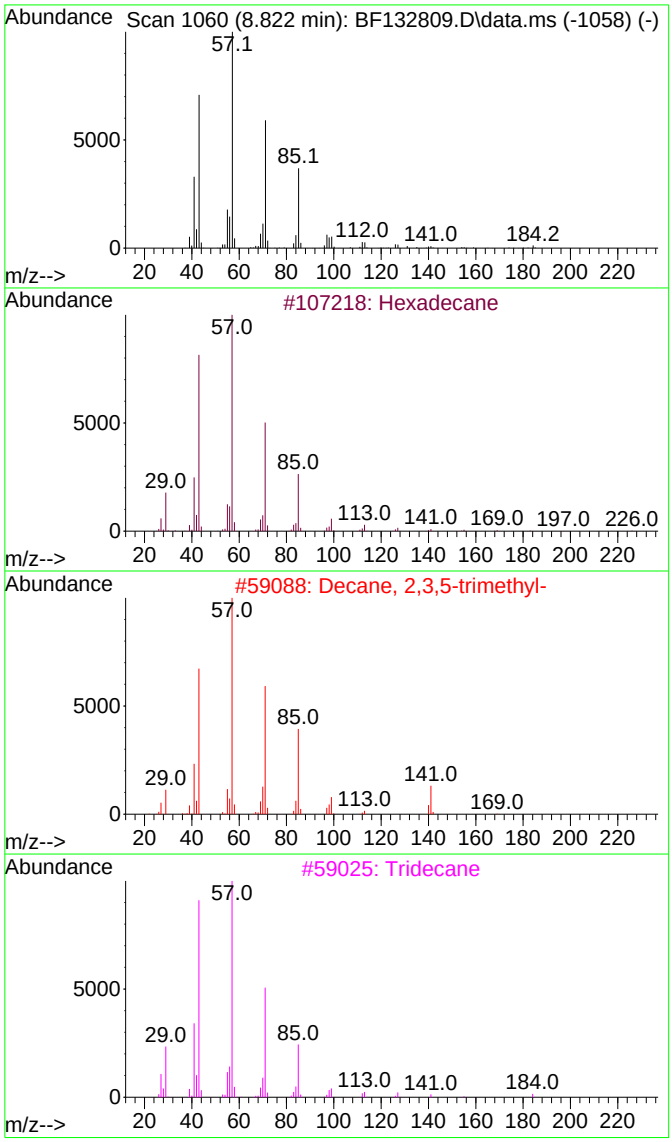
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

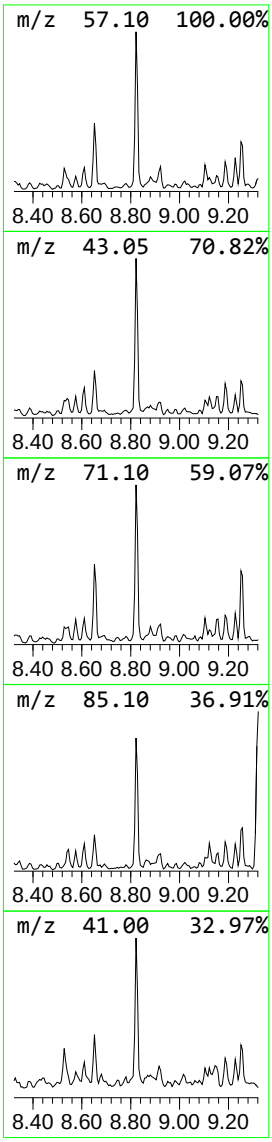
****

Peak Number 2 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	8.59 ng	694664	Naphthalene-d8	8.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
5	Heptadecane	240	C17H36	000629-78-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

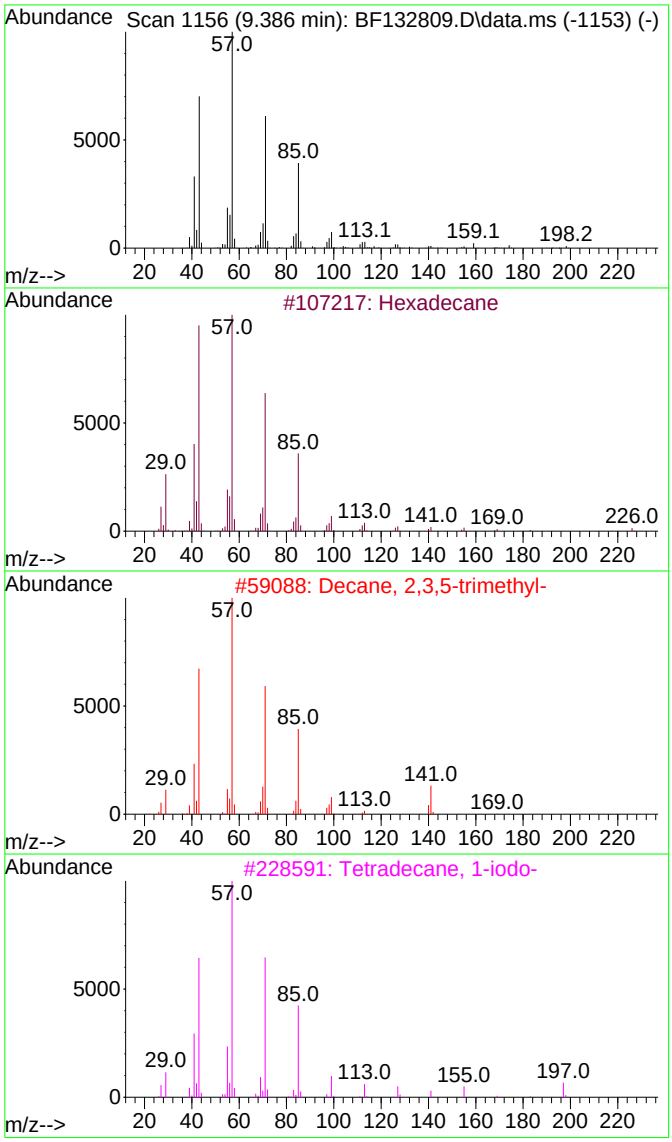
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

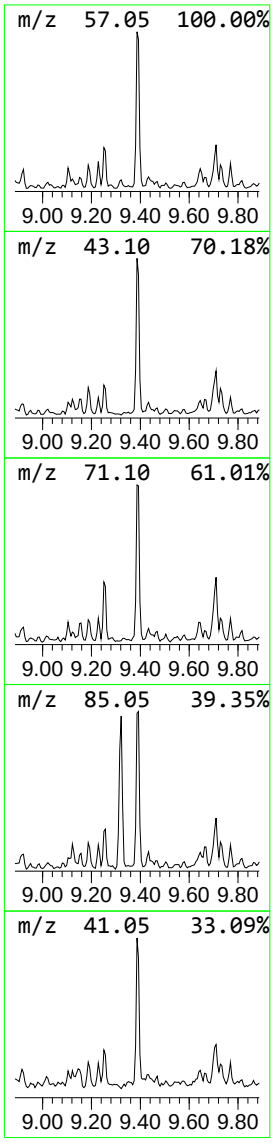
****

Peak Number 3 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	14.93 ng	927652	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

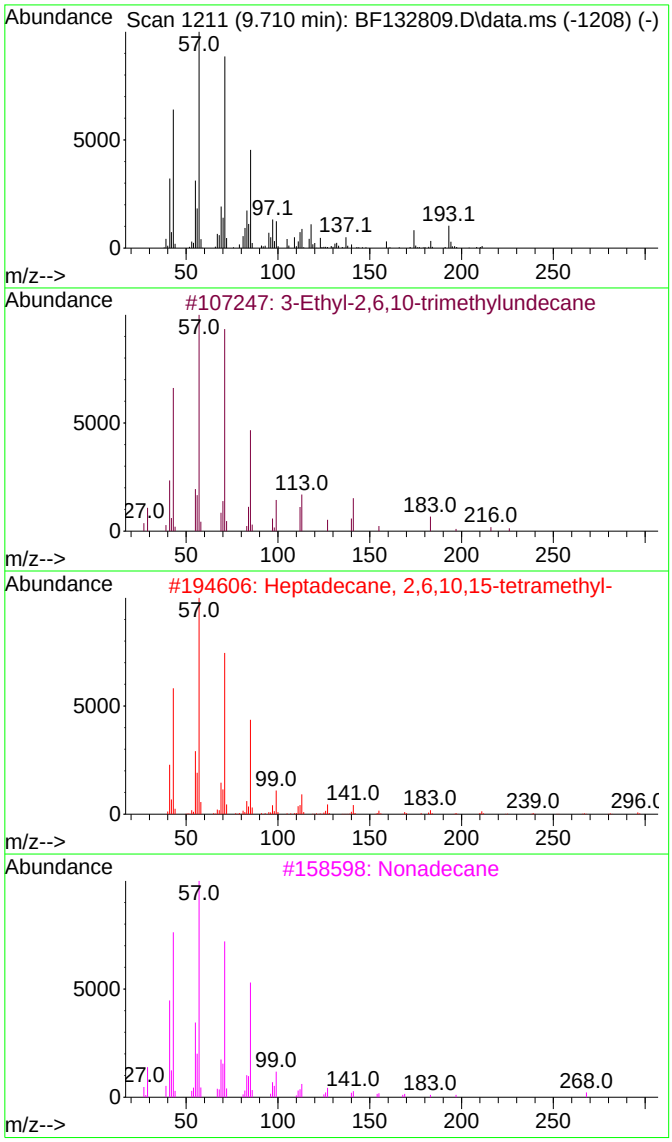
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

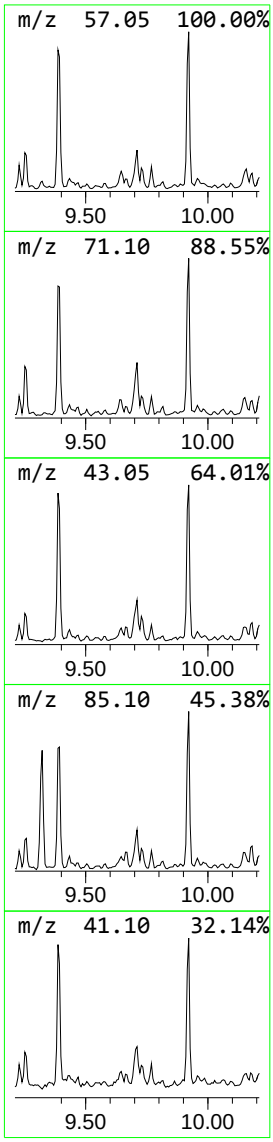
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Ethyl-2,6,10-trimethylund... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	10.79 ng	670688	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Nonadecane	268	C19H40	000629-92-5	72
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

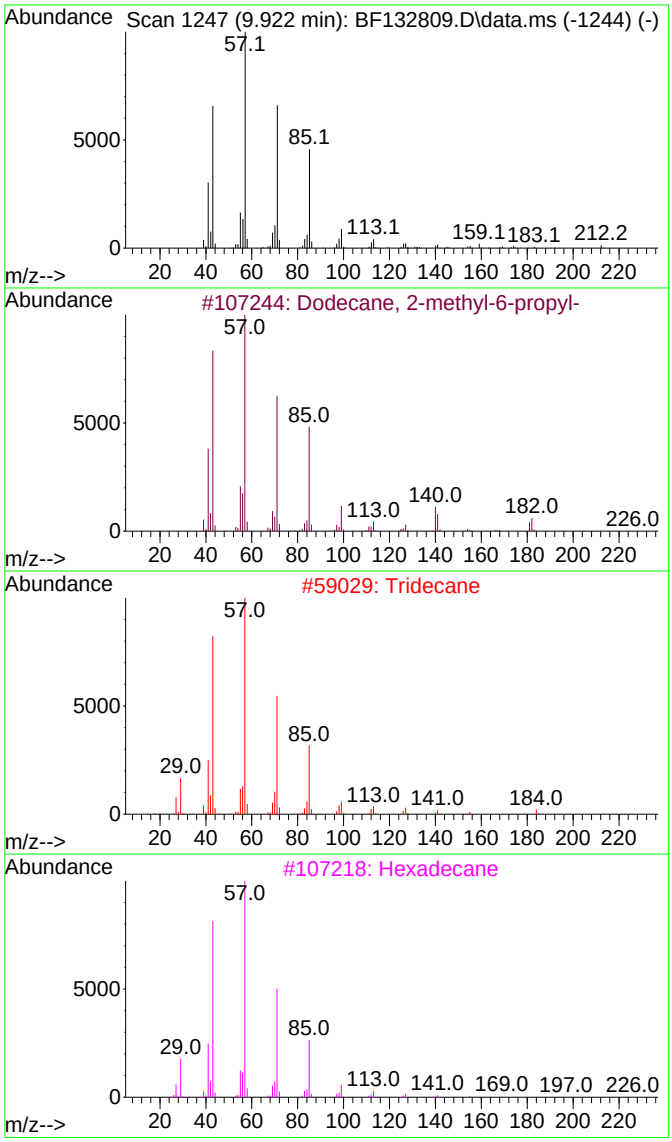
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

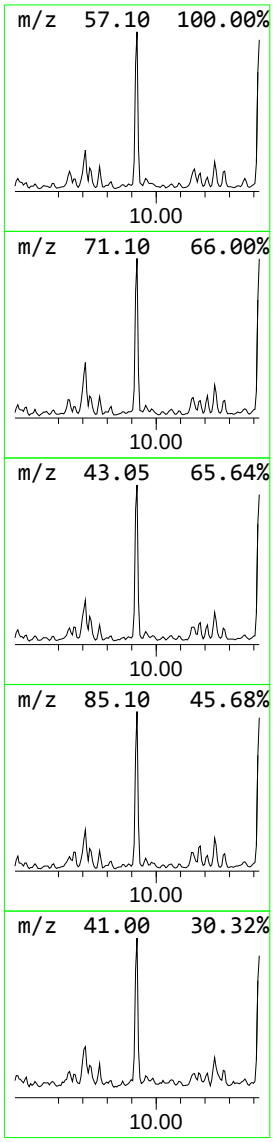
****

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	15.09 ng	937910	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2	Tridecane	184	C13H28	000629-50-5	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

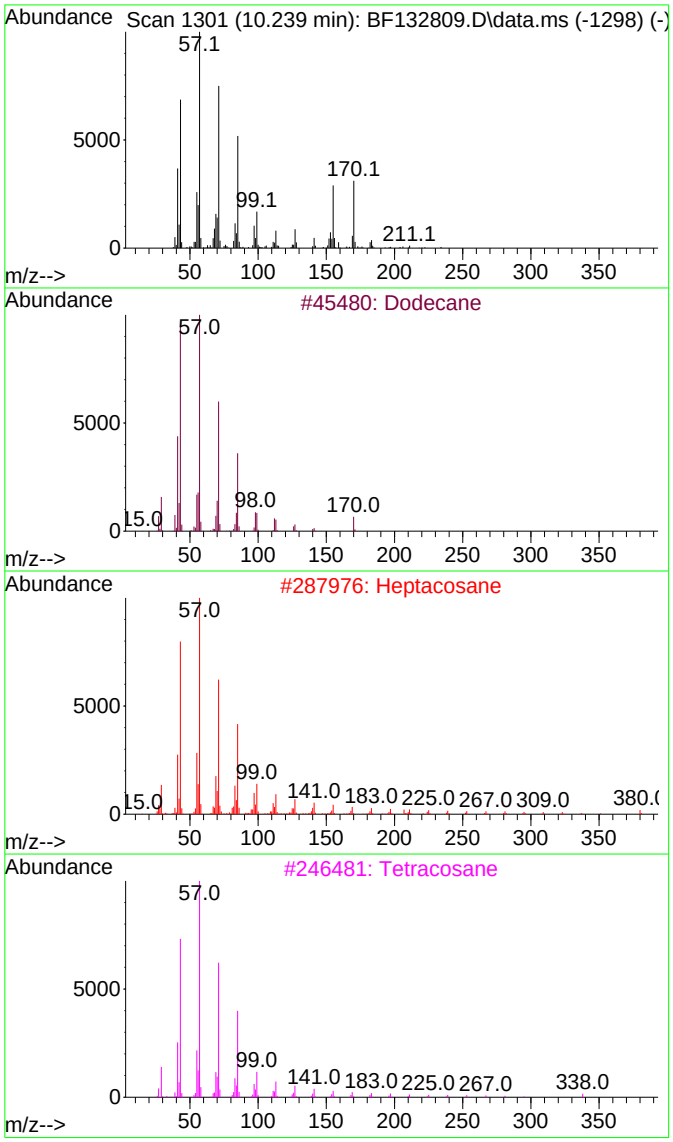
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

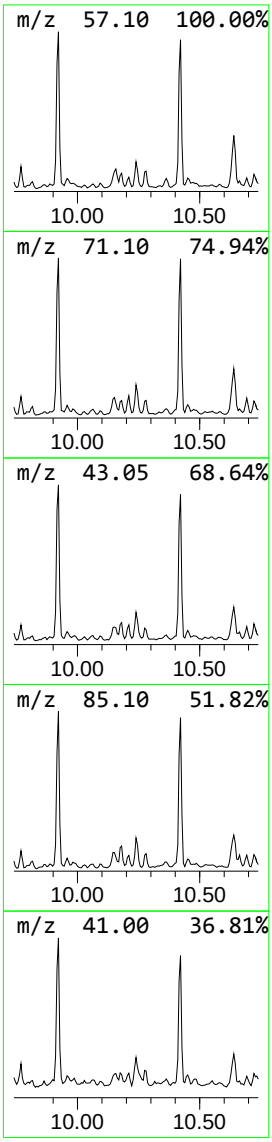
****

Peak Number 6 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	5.53 ng	343573	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	74
2	Heptacosane	380	C27H56	000593-49-7	68
3	Tetracosane	338	C24H50	000646-31-1	68
4	Hexacosane	366	C26H54	000630-01-3	68
5	Octacosane	394	C28H58	000630-02-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

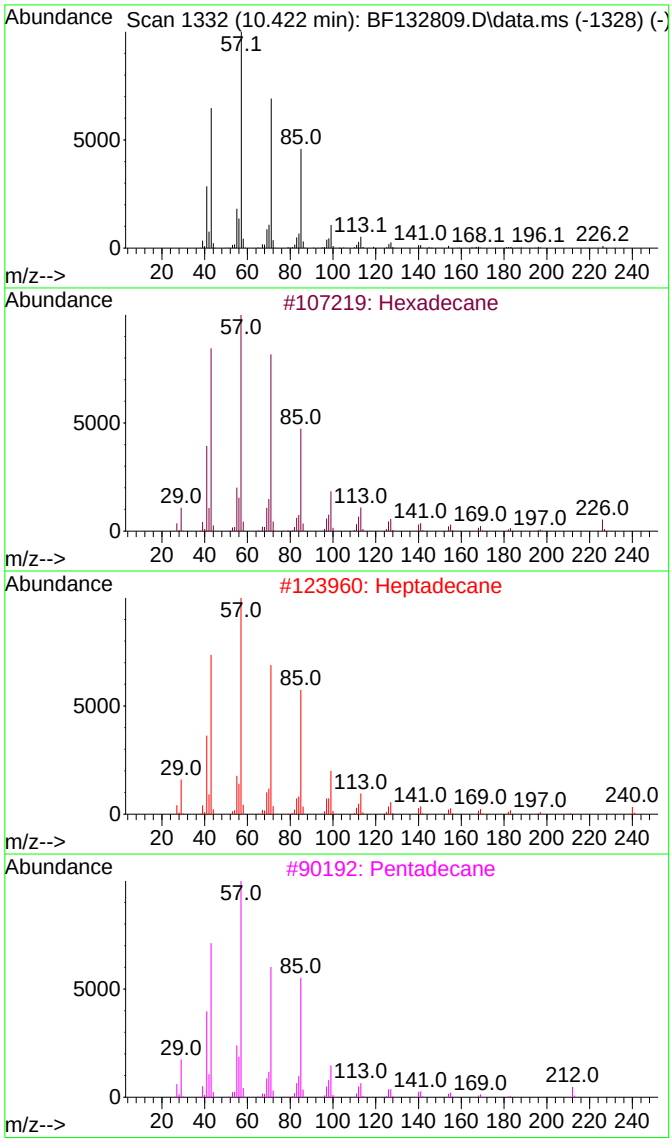
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

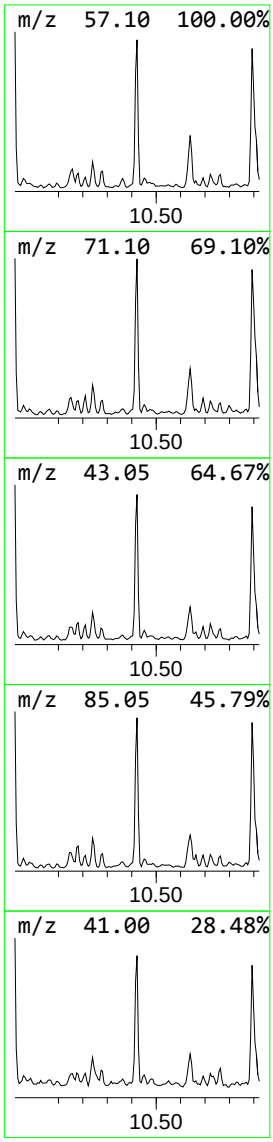
****

Peak Number 7 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.422	15.10 ng	938428	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

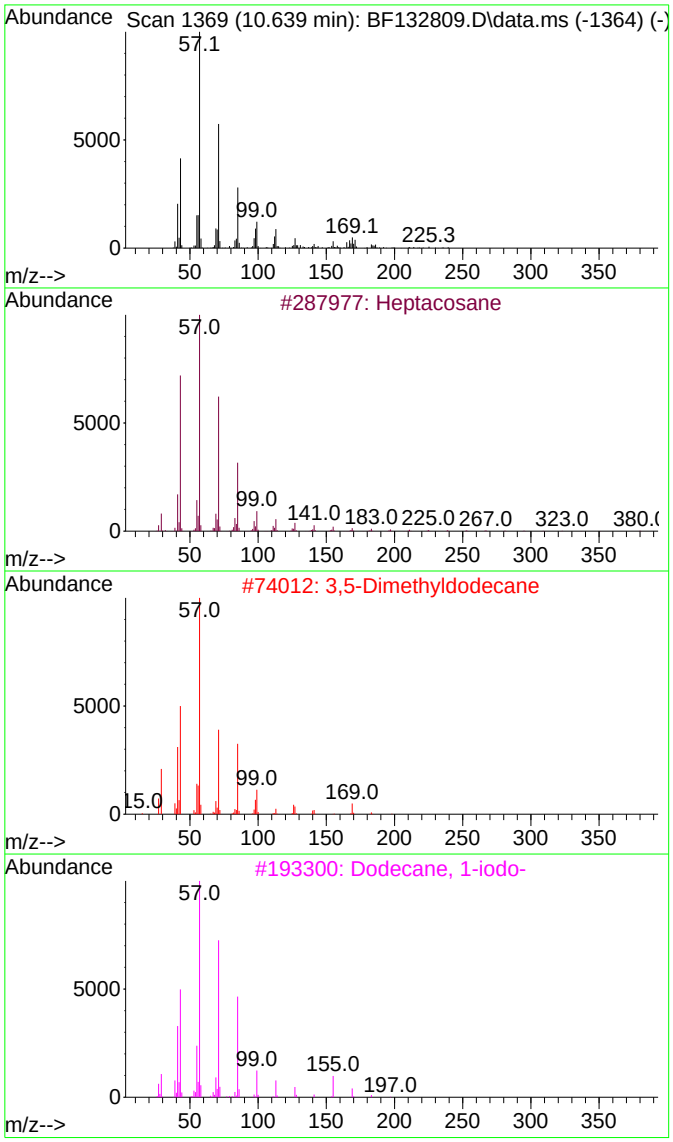
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

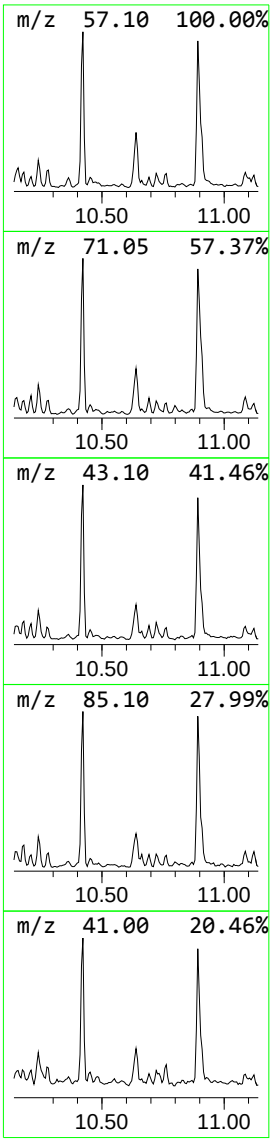
****

Peak Number 8 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	7.46 ng	463407	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	60
5	Hexadecane	226	C16H34	000544-76-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

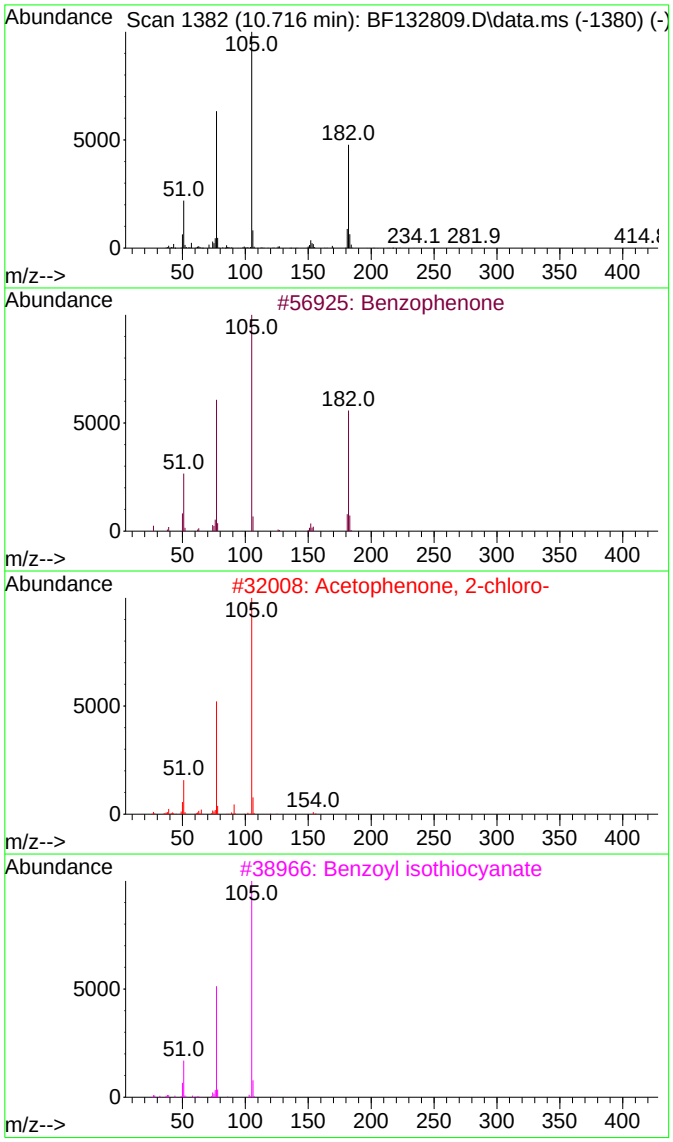
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

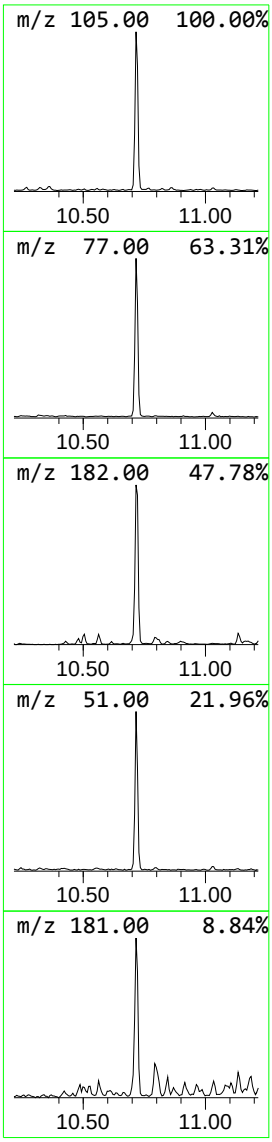
****

Peak Number 9 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	13.50 ng	838952	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

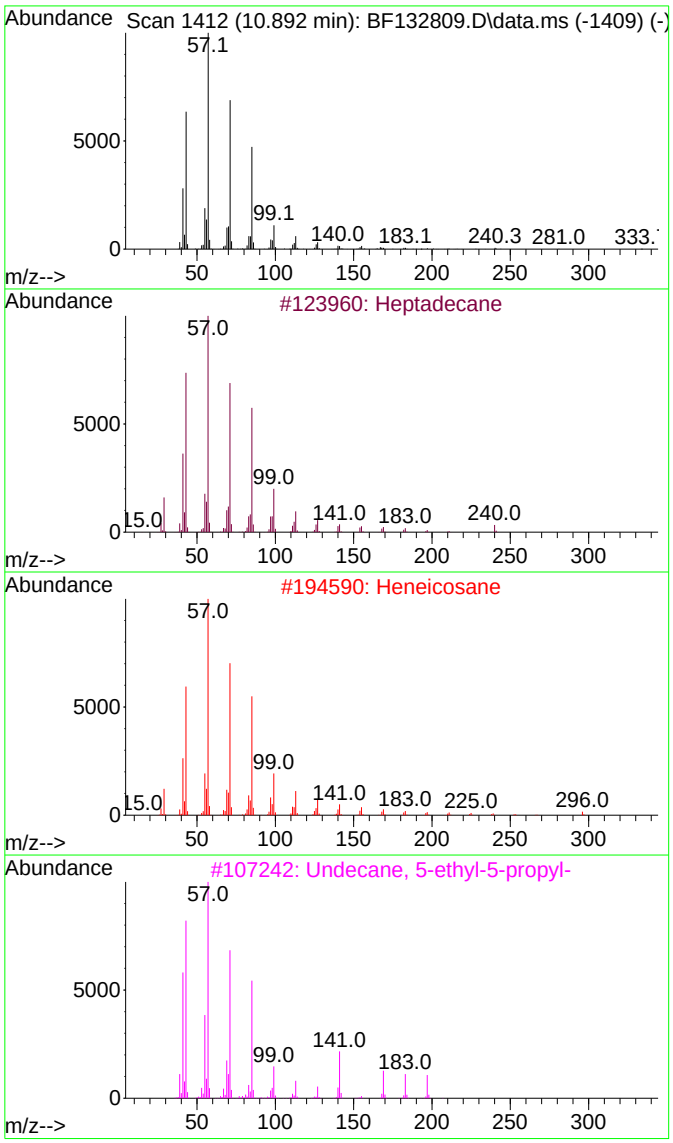
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

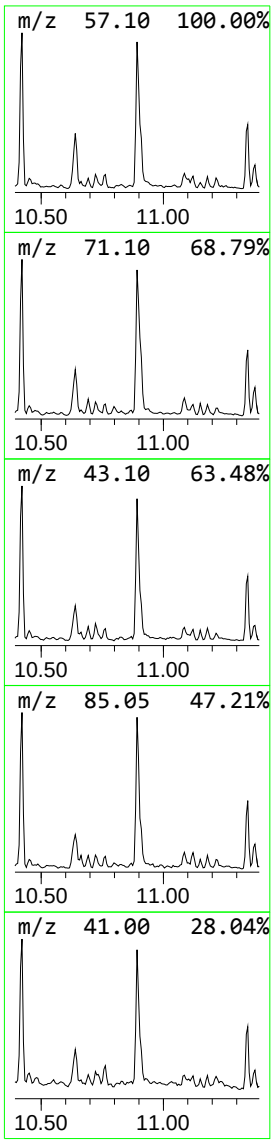
****

Peak Number 10 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	29.25 ng	1181900	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

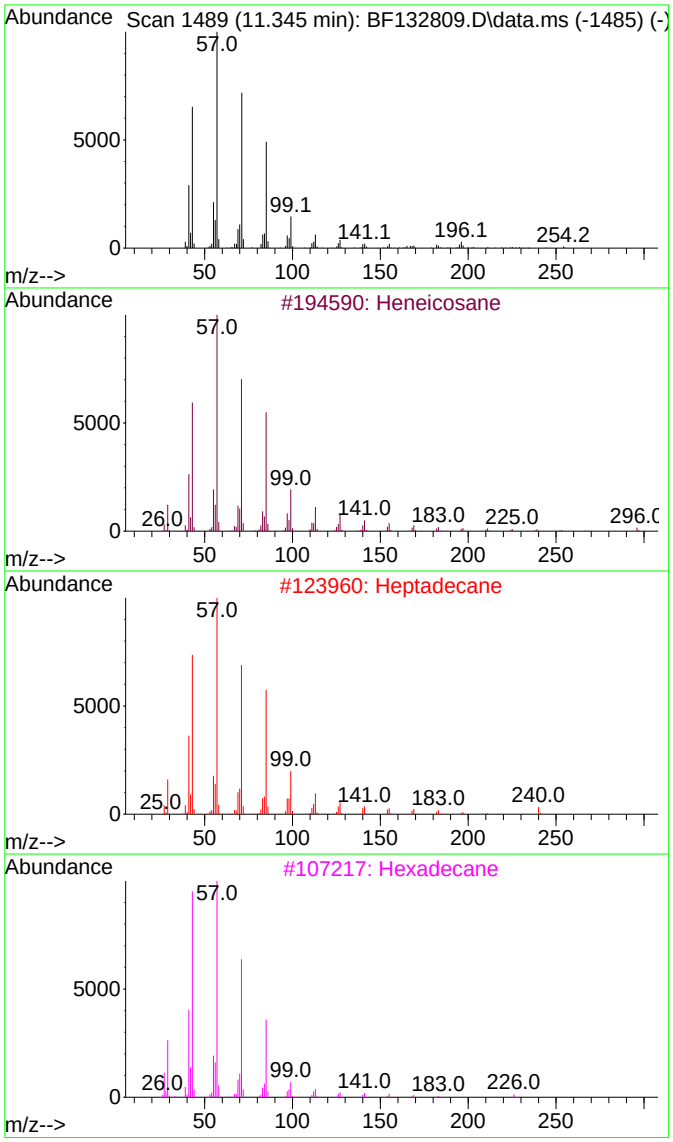
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

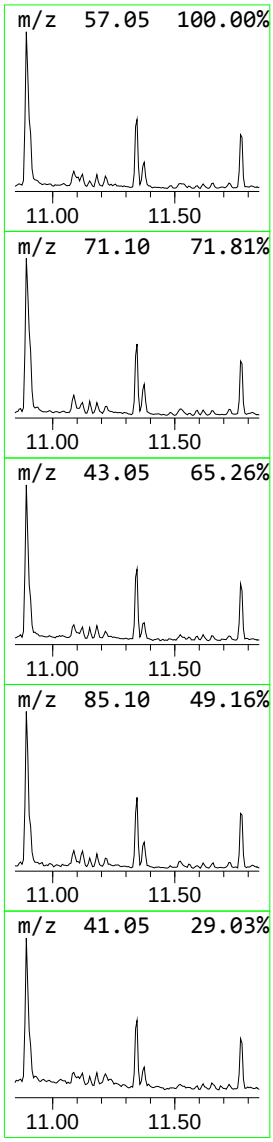
****

Peak Number 11 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	10.38 ng	419526	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

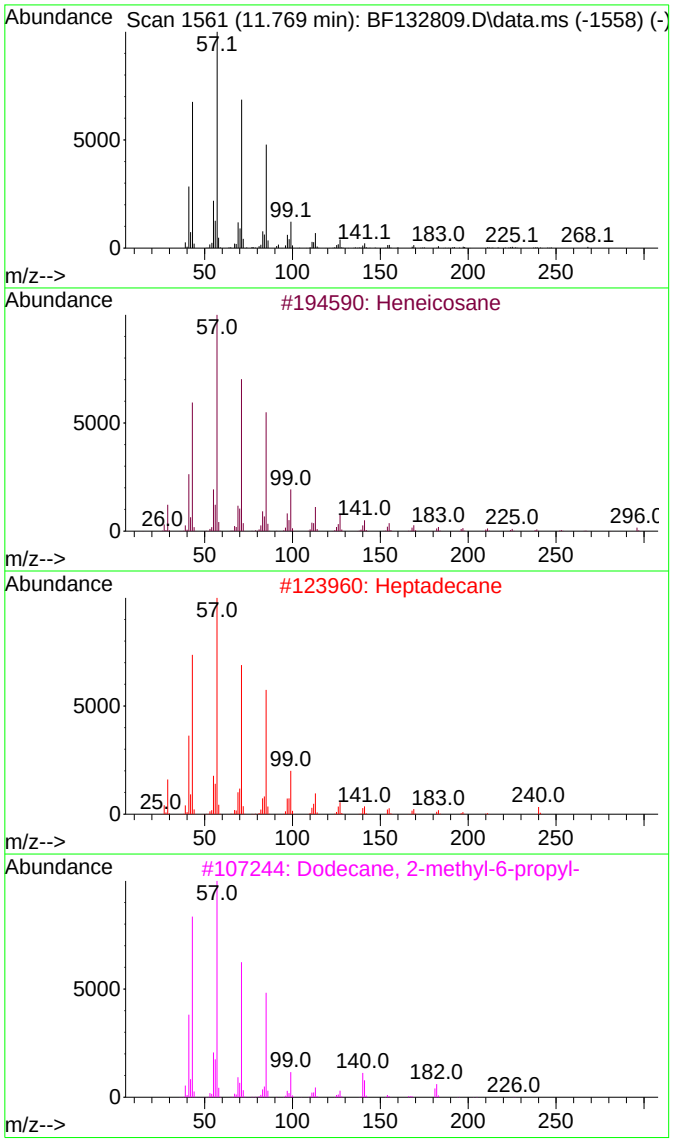
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

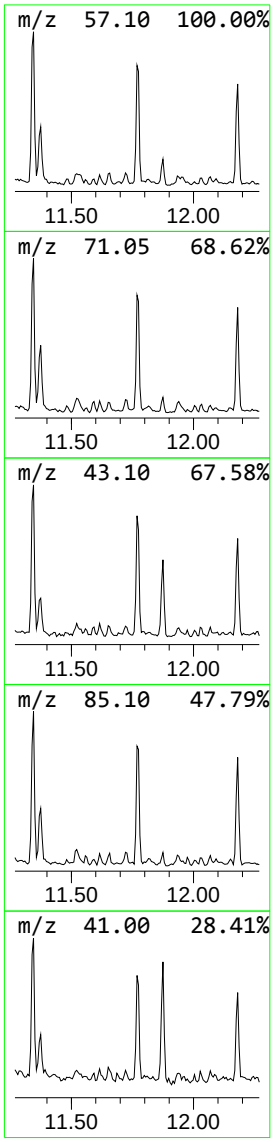
****

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	8.06 ng	325692	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

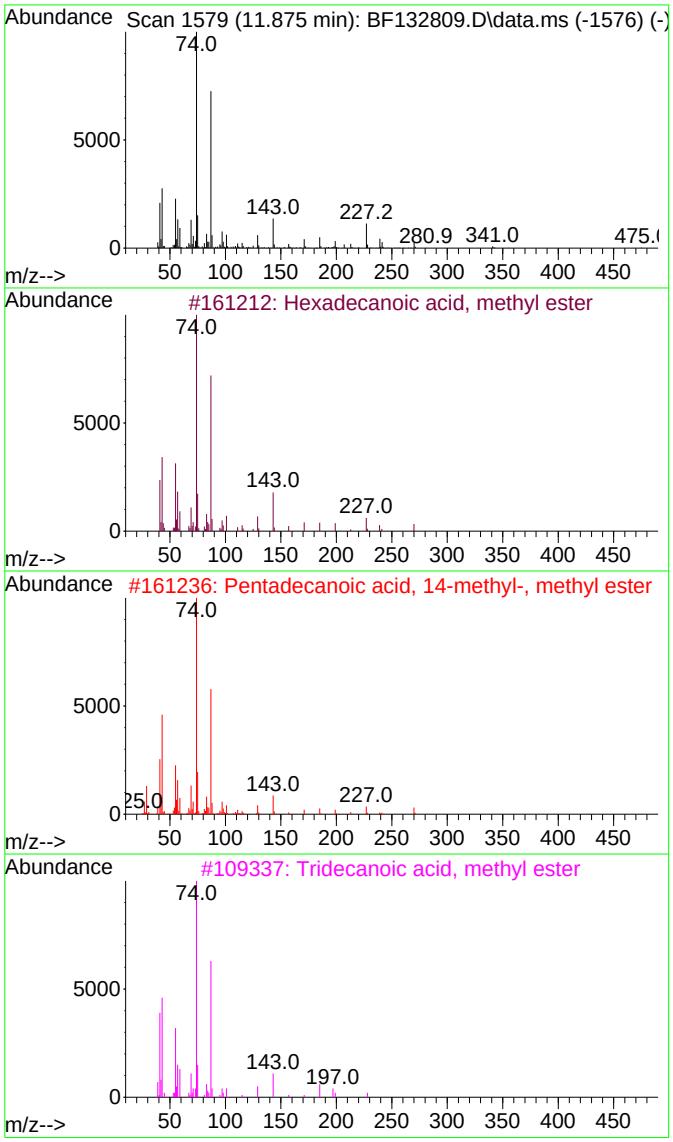
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

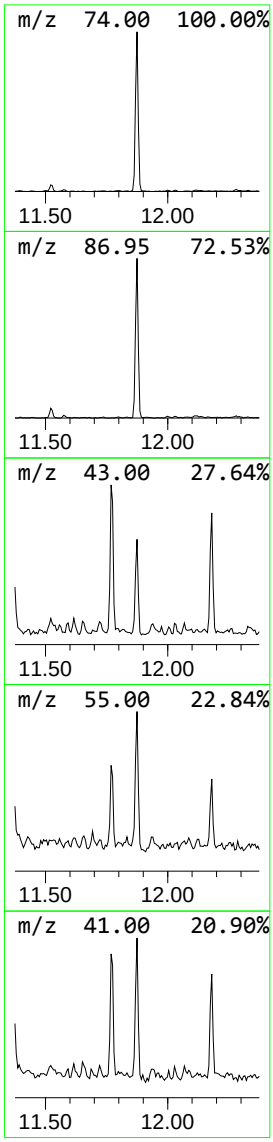
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	11.51 ng	465109	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

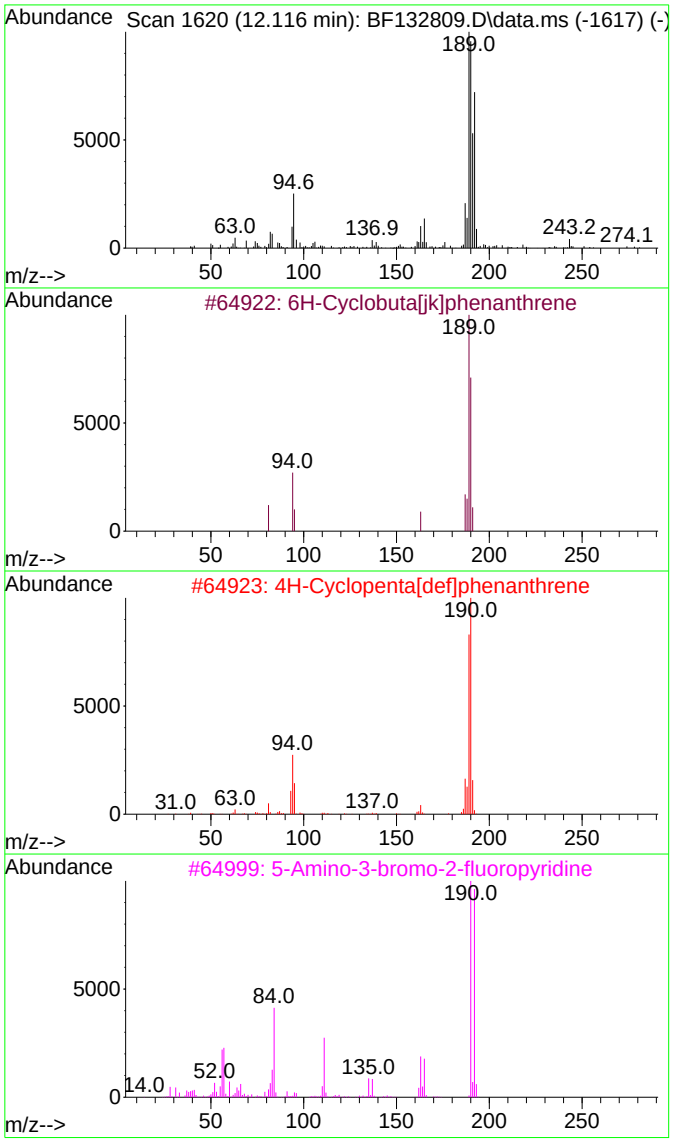
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

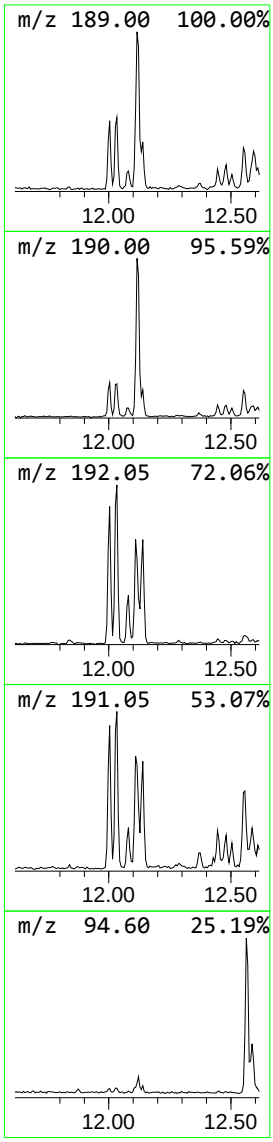
****

Peak Number 14 6H-Cyclobuta[jk]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	4.97 ng	200825	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	35
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	1-Chloro-4-(2-chloro-2-fluoroeth...	190	C8H5Cl2F	1000305-36-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

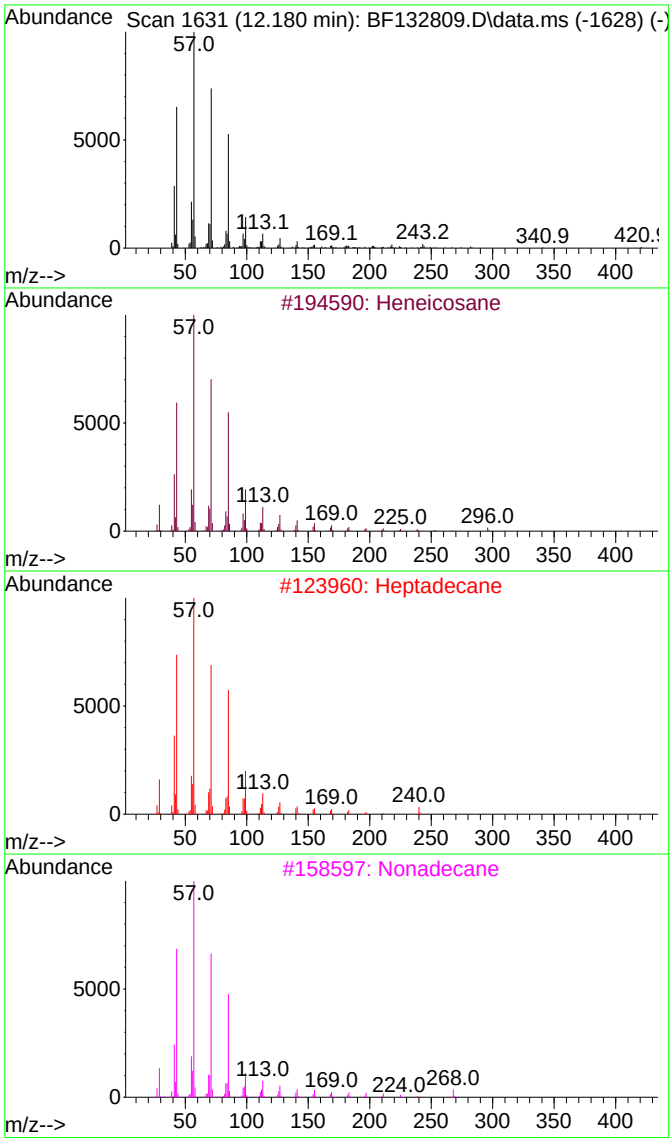
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

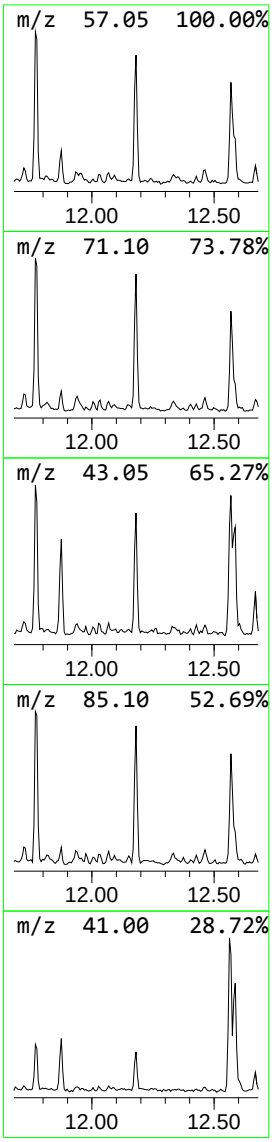
****

Peak Number 15 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.180	7.02 ng	283783	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

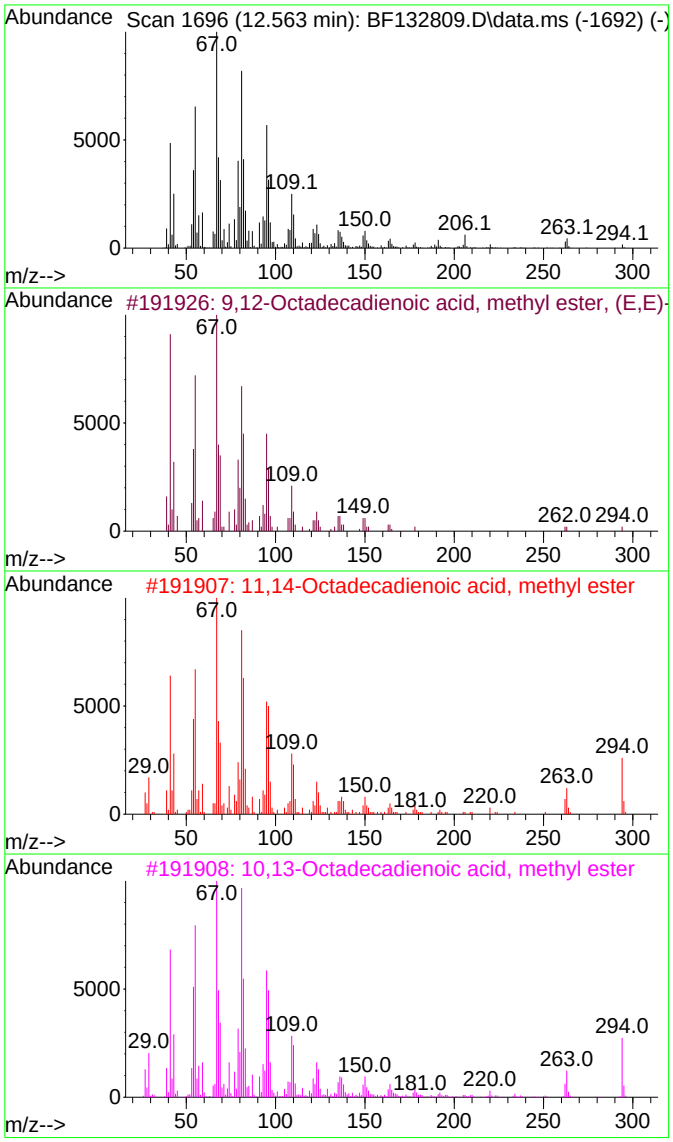
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

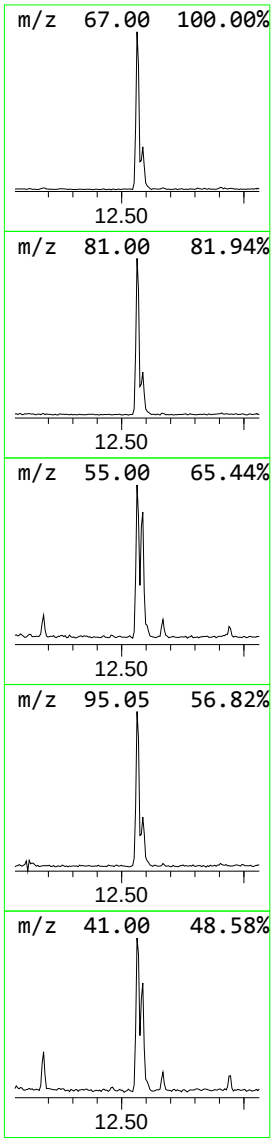
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	42.34 ng	1710620	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	95
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

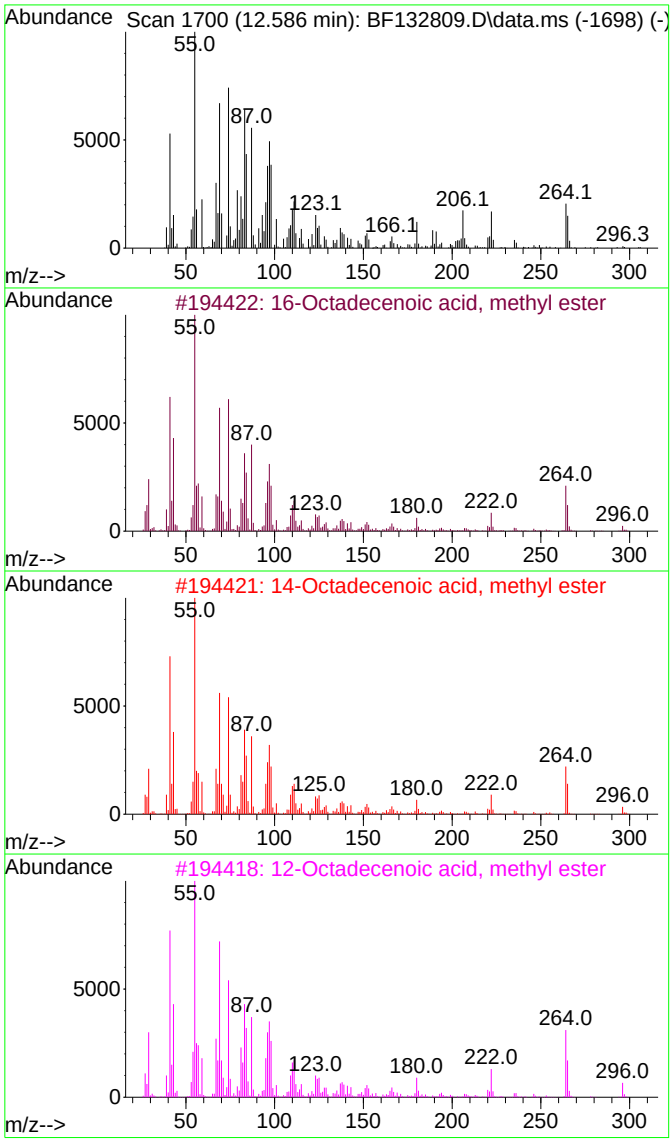
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

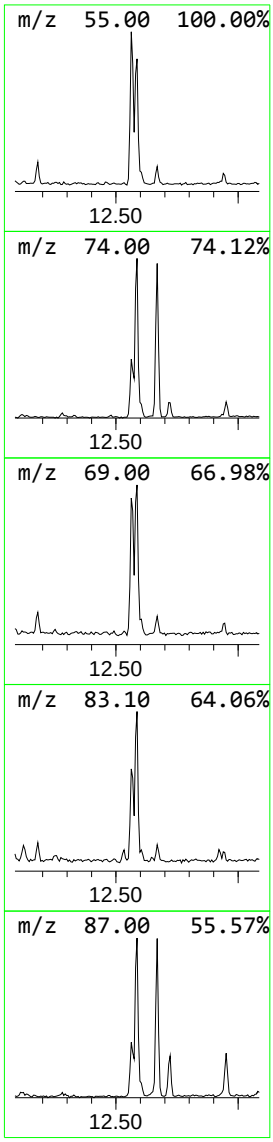
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 16-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	28.55 ng	1153390	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

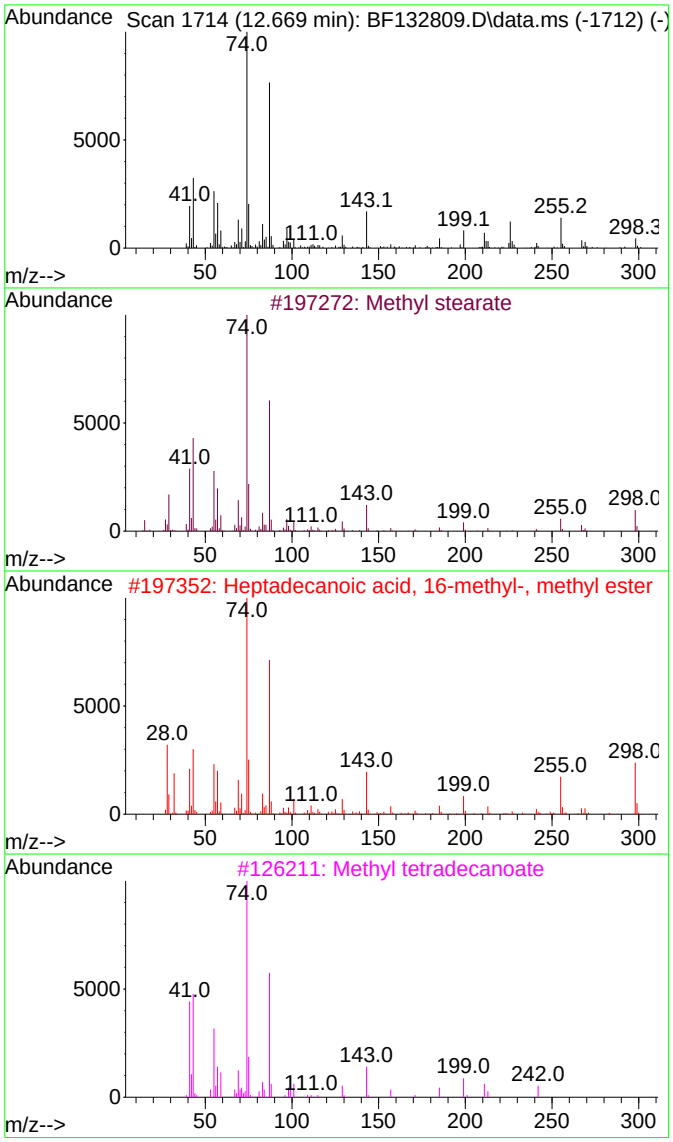
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

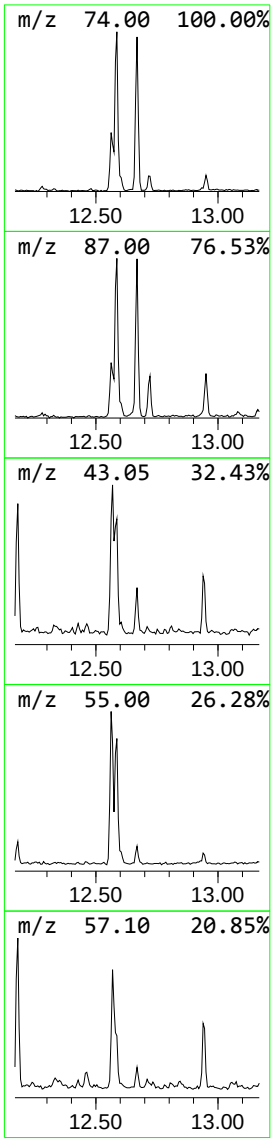
****

Peak Number 18 Methyl stearate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	5.37 ng	217022	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	93
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

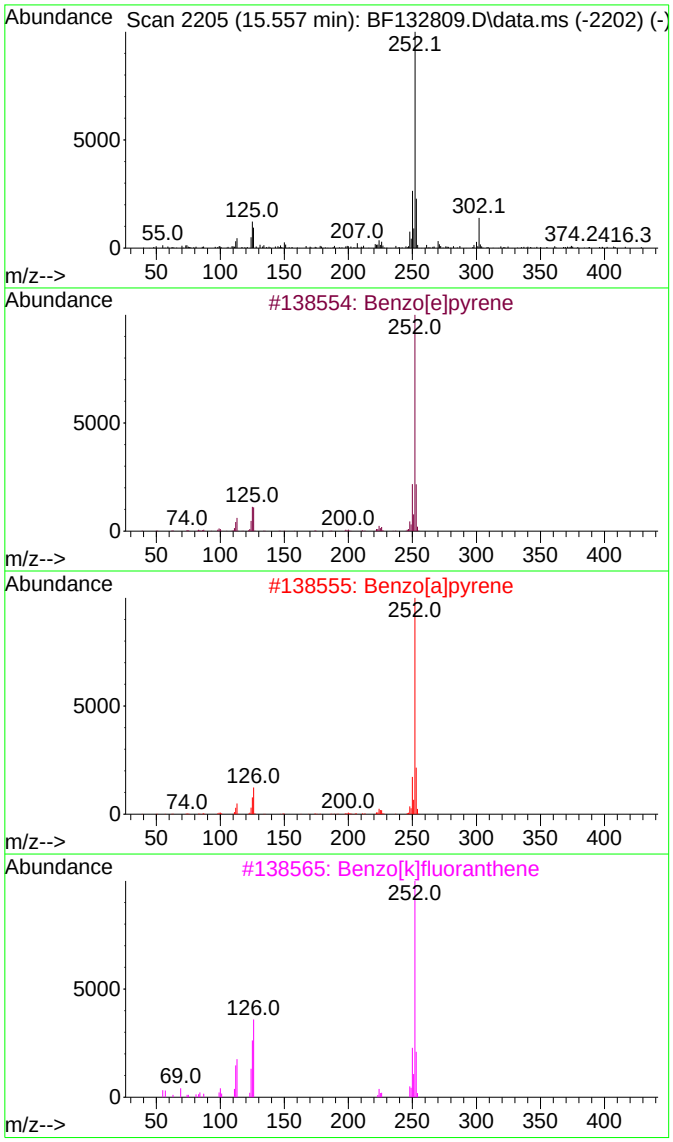
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

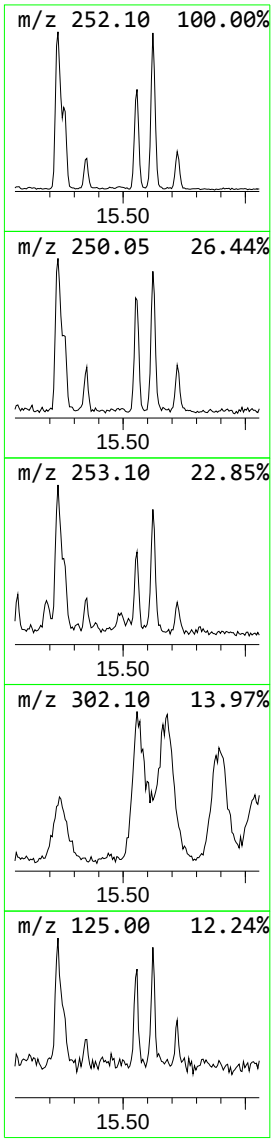
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.557	6.13 ng	162395	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	89
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

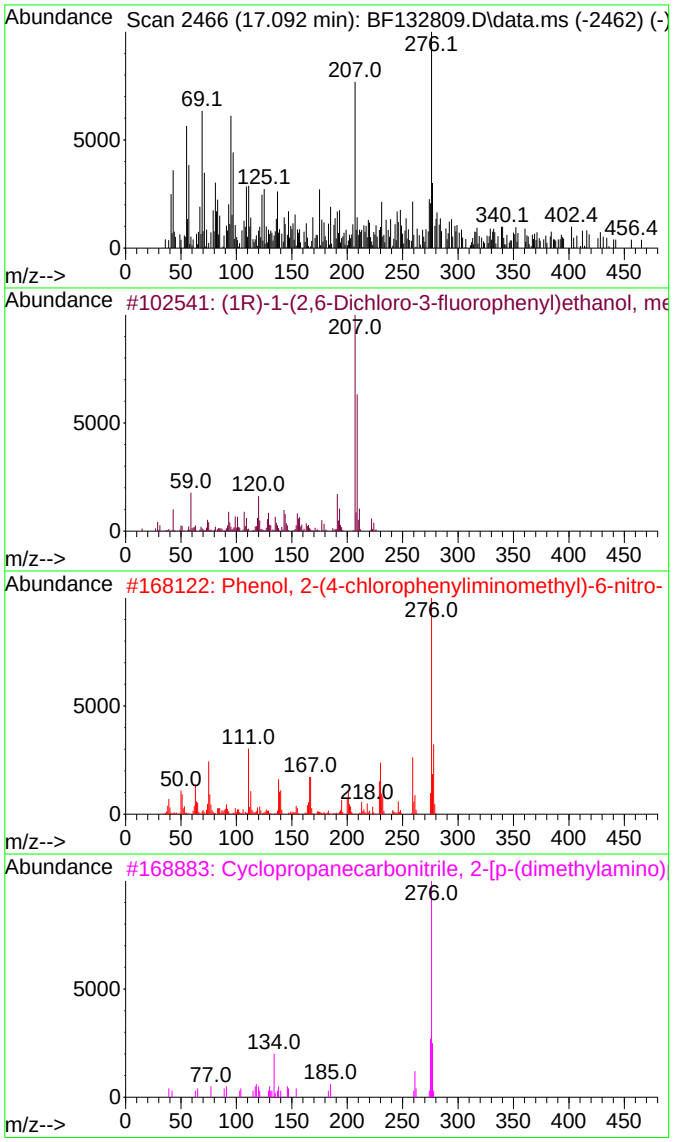
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

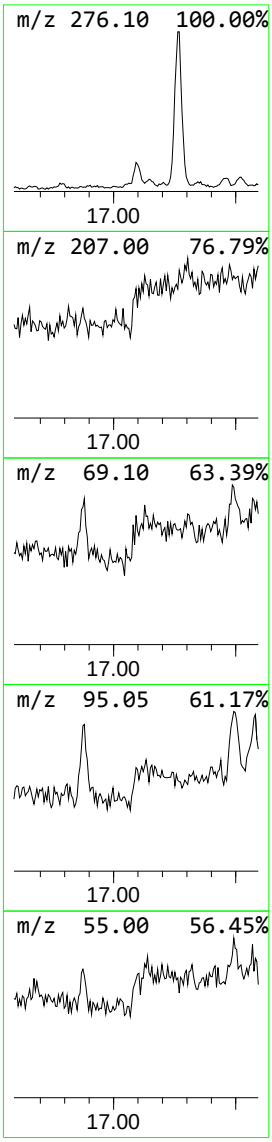
****

Peak Number 20 unknown17.092 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	4.88 ng	129379	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-1-(2,6-Dichloro-3-fluorophe...	222	C9H9Cl2FO	1000505-38-4	41
2	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	35
3	Cyclopropanecarbonitrile, 2-[p-(...	276	C19H20N2	032589-51-8	30
4	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	30
5	1H-Pyrrole-2,5-dione, 1-(4-chlor...	207	C10H6ClNO2	001631-29-4	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132809.D
Acq On : 15 Mar 2023 18:21
Operator : CG\JU
Sample : 01919-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-03142023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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-...	5.199	29.1	ng	1570230	1	6.963	1080970	20.0
Hexadecane	8.822	8.6	ng	694664	2	8.245	1618000	20.0
Decane, 2,3,5-t...	9.386	14.9	ng	927652	3	10.004	1243070	20.0
3-Ethyl-2,6,10-...	9.710	10.8	ng	670688	3	10.004	1243070	20.0
Dodecane, 2-met...	9.922	15.1	ng	937910	3	10.004	1243070	20.0
Dodecane	10.239	5.5	ng	343573	3	10.004	1243070	20.0
Heptadecane	10.422	15.1	ng	938428	3	10.004	1243070	20.0
Heptacosane	10.639	7.5	ng	463407	3	10.004	1243070	20.0
Benzophenone	10.716	13.5	ng	838952	3	10.004	1243070	20.0
Heneicosane	10.892	29.3	ng	1181900	4	11.498	808071	20.0
Tetradecane	11.345	10.4	ng	419526	4	11.498	808071	20.0
Dodecane, 1-iodo-	11.769	8.1	ng	325692	4	11.498	808071	20.0
Hexadecanoic ac...	11.875	11.5	ng	465109	4	11.498	808071	20.0
6H-Cyclobuta[jk...	12.116	5.0	ng	200825	4	11.498	808071	20.0
Nonadecane	12.180	7.0	ng	283783	4	11.498	808071	20.0
9,12-Octadecadi...	12.563	42.3	ng	1710620	4	11.498	808071	20.0
16-Octadecenoic...	12.586	28.6	ng	1153390	4	11.498	808071	20.0
Methyl stearate	12.669	5.4	ng	217022	4	11.498	808071	20.0
Benzo[e]pyrene	15.557	6.1	ng	162395	6	15.692	529968	20.0
unknown17.092	17.092	4.9	ng	129379	6	15.692	529968	20.0