LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135220.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	558	561	570	rVB	1078699	940413	72.66%	6.540%
2	6.016	665	668	674	rVB4	18299	24663	1.91%	0.172%
3	6.293	712	715	718	rBV2	34865	35085	2.71%	0.244%
4	6.398	730	733	738	rBV	1107515	927881	71.69%	6.453%
5	6.504	746	751	755	rBV5	13840	26415	2.04%	0.184%
6	6.598	763	767	773	rBV3	65570	76131	5.88%	0.529%
7	6.763	791	795	799	rBV	1226804	988339	76.36%	6.873%
8	6.822	802	805	807	rBV	20584	19269	1.49%	0.134%
9	6.904	817	819	823	rVB	20793	20478	1.58%	0.142%
10	7.034	836	841	844	rVB3	34451	51626	3.99%	0.359%
11	7.081	844	849	851	rBV2	22201	31316	2.42%	0.218%
12	7.151	858	861	864	rBV2	52578	49020	3.79%	0.341%
13	7.298	880	886	887	rBV2	38044	50390	3.89%	0.350%
14	7.322	887	890	894	rVV	672011	591684	45.71%	4.115%
15	7.357	894	896	900	rVV	90749	71792	5.55%	0.499%
16	7.410	900	905	907	rVB5	39598	57017	4.41%	0.396%
17	7.445	907	911	914	rBV4	22764	28403	2.19%	0.198%
18	7.475	914	916	920	rVV5	19671	22751	1.76%	0.158%
19	7.540	924	927	928	rVV2	24796	24895	1.92%	0.173%
20	7.563	928	931	935	rVB2	59612	55775	4.31%	0.388%
21	7.681	946	951	953	rVV5	34517	43286	3.34%	0.301%
22	7.728	956	959	961	rVB4	25004	23130	1.79%	0.161%
23	7.763	961	965	966	rBV3	27191	28143	2.17%	0.196%
24	7.781	966	968	969	rBV2	26594	18655	1.44%	0.130%
25	7.863	979	982	984	rVB3	27651	22508	1.74%	0.157%
26	7.922	987	992	994	rBV2	24686	38356	2.96%	0.267%
27	8.045	1007	1013	1016	rVV	1327582	1294350	100.00%	9.001%
28	8.092	1019	1021	1022	rVV2	40123	38047	2.94%	0.265%
29	8.134	1025	1028	1032	rVB6	23435	20958	1.62%	0.146%
30	8.216	1037	1042	1044	rBV5	26605	37527	2.90%	0.261%
31	8.245	1044	1047	1049	rVB3	42637	41027	3.17%	0.285%
32	8.287	1049	1054	1055	rBV3	22586	27802	2.15%	0.193%
33	8.334	1058	1062	1065	rBV5	52148	67032	5.18%	0.466%
34	8.386	1069	1071	1075	rVB3	30946	28683	2.22%	0.199%
35	8.422	1075	1077	1081	rVB3	45242	45494	3.51%	0.316%
36	8.469	1081	1085	1086	rBV	59728	60356	4.66%	0.420%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
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Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.486	1086	1088	1090	rVV2	31237	25282	1.95%	0.176%
38	8.510	1090	1092	1094	rVB2	29245	23041	1.78%	0.160%
39	8.545	1096	1098	1101	rVB2	46183	35200	2.72%	0.245%
40	8.581	1101	1104	1107	rBV4	23245	31103	2.40%	0.216%
41	8.639	1110	1114	1116	rBV	103819	103740	8.01%	0.721%
42	8.698	1122	1124	1127	rVB2	21465	20113	1.55%	0.140%
43	8.792	1136	1140	1143	rBV5	16662	30382	2.35%	0.211%
44	8.869	1150	1153	1155	rVB	39444	33297	2.57%	0.232%
45	8.922	1159	1162	1164	rBV3	25294	21389	1.65%	0.149%
46	8.986	1171	1173	1175	rBV3	16825	20156	1.56%	0.140%
47	9.069	1184	1187	1192	rBV4	56299	64048	4.95%	0.445%
48	9.122	1192	1196	1199	rVV	1066925	888977	68.68%	6.182%
49	9.204	1206	1210	1213	rBV	124156	109151	8.43%	0.759%
50	9.239	1214	1216	1219	rVV2	31242	39814	3.08%	0.277%
51	9.269	1219	1221	1224	rVV2	43033	40016	3.09%	0.278%
52	9.392	1237	1242	1244	rVV4	29056	39048	3.02%	0.272%
53	9.433	1247	1249	1251	rVV3	18073	18967	1.47%	0.132%
54	9.457	1251	1253	1255	rVV3	42267	41119	3.18%	0.286%
55	9.481	1255	1257	1259	rVV2	40067	34224	2.64%	0.238%
56	9.504	1259	1261	1262	rVV	35218	30235	2.34%	0.210%
57	9.522	1262	1264	1266	rVV2	66603	58536	4.52%	0.407%
58	9.545	1266	1268	1271	rVV3	34394	34255	2.65%	0.238%
59	9.581	1271	1274	1277	rVB3	31671	31069	2.40%	0.216%
60	9.663	1285	1288	1292	rBV4	20506	25303	1.95%	0.176%
61	9.704	1293	1295	1298	rVV3	25386	22009	1.70%	0.153%
62	9.733	1298	1300	1304	rVB	106454	78557	6.07%	0.546%
63	9.798	1304	1311	1315	rBV	1130654	970332	74.97%	6.748%
64	9.833	1315	1317	1320	rVB2	24701	22265	1.72%	0.155%
65	9.910	1327	1330	1333	rVB3	20970	25596	1.98%	0.178%
66	10.057	1351	1355	1360	rVB5	27201	36322	2.81%	0.253%
67	10.116	1363	1365	1368	rBV3	19624	22716	1.76%	0.158%
68	10.233	1382	1385	1388	rVB	88964	73083	5.65%	0.508%
69	10.345	1402	1404	1406	rBV2	21104	19949	1.54%	0.139%
70	10.457	1417	1423	1429	rBV	47889	71699	5.54%	0.499%
71	10.504	1429	1431	1435	rVB3	18061	19185	1.48%	0.133%
72	10.586	1442	1445	1450	rVB	436922	387809	29.96%	2.697%
73	10.710	1463	1466	1475	rVB	97800	138341	10.69%	0.962%
74	11.163	1540	1543	1545	rBV	69575	55287	4.27%	0.384%
75	11.192	1545	1548	1552	rVB	51649	56354	4.35%	0.392%
76	11.292	1561	1565	1567	rBV	1046970	867359	67.01%	6.032%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.316	1567	1569	1572	rVV	77252	66990	5.18%	0.466%
78	11.363	1576	1577	1581	rVB	23377	18927	1.46%	0.132%
79	11.592	1613	1616	1618	rBV	60072	47291	3.65%	0.329%
80	11.827	1653	1656	1662	rVV2	138990	137751	10.64%	0.958%
81	11.904	1667	1669	1672	rVB2	35845	31063	2.40%	0.216%
82	12.004	1683	1686	1688	rBV	58978	54636	4.22%	0.380%
83	12.222	1721	1723	1725	rBV2	24130	22154	1.71%	0.154%
84	12.280	1730	1733	1738	rVV7	21188	34860	2.69%	0.242%
85	12.345	1742	1744	1747	rVV2	43023	38908	3.01%	0.271%
86	12.392	1747	1752	1756	rVV2	94670	128540	9.93%	0.894%
87	12.510	1769	1772	1775	rBV	166165	166581	12.87%	1.158%
88	12.539	1775	1777	1785	rVB2	127995	168275	13.00%	1.170%
89	12.616	1788	1790	1796	rVB5	42913	56297	4.35%	0.391%
90	12.669	1796	1799	1801	rBV	30376	31365	2.42%	0.218%
91	12.739	1808	1811	1813	rBV	139306	113956	8.80%	0.792%
92	12.769	1813	1816	1818	rVB2	92164	87062	6.73%	0.605%
93	12.886	1832	1836	1839	rBV	904388	767450	59.29%	5.337%
94	13.127	1874	1877	1881	rBV2	92692	98329	7.60%	0.684%
95	13.469	1933	1935	1938	rVB	77480	71566	5.53%	0.498%
96	13.804	1989	1992	1994	rVB2	79981	63420	4.90%	0.441%
97	13.951	2012	2017	2019	rBV	816024	851420	65.78%	5.921%
98	14.121	2044	2046	2052	rVB	99733	106303	8.21%	0.739%
99	14.427	2096	2098	2101	rBV2	86887	82217	6.35%	0.572%
100	15.415	2262	2266	2270	rBV	428324	540746	41.78%	3.760%

Sum of corrected areas: 14380132

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
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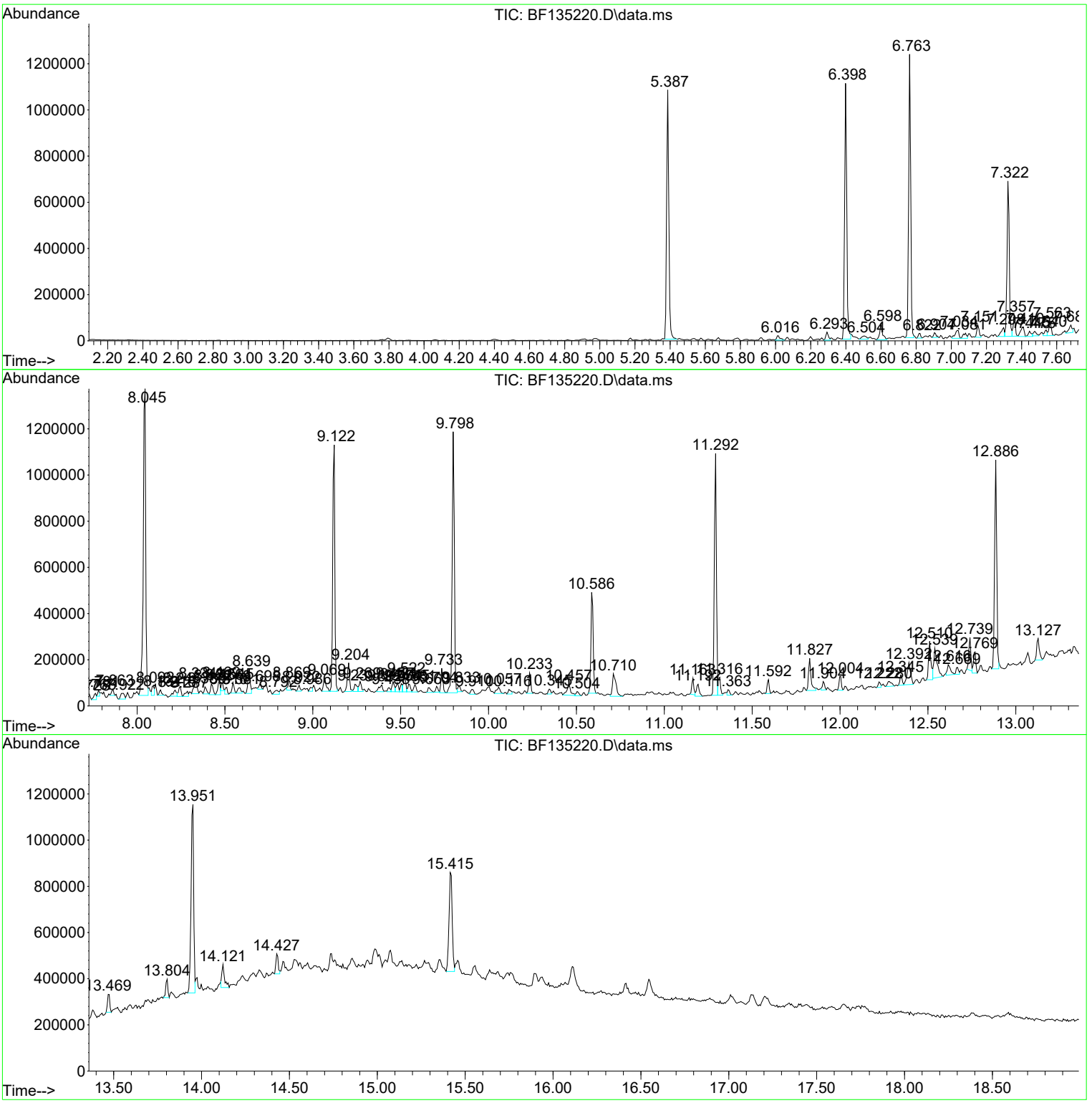
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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\BF091223\
Data File : BF135220.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

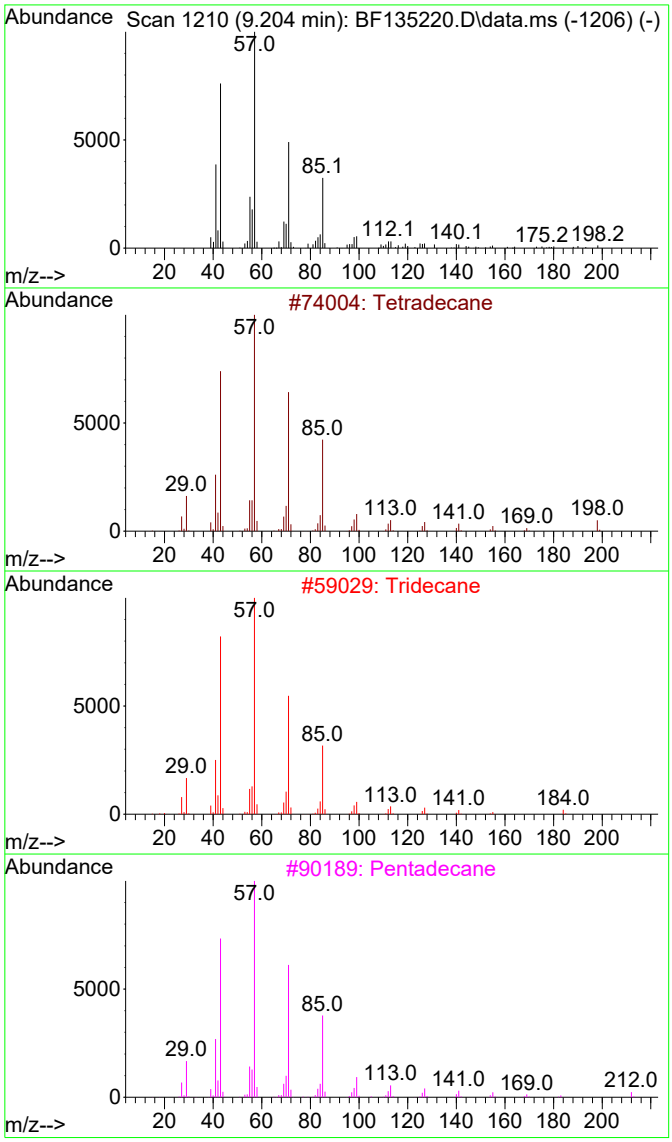
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

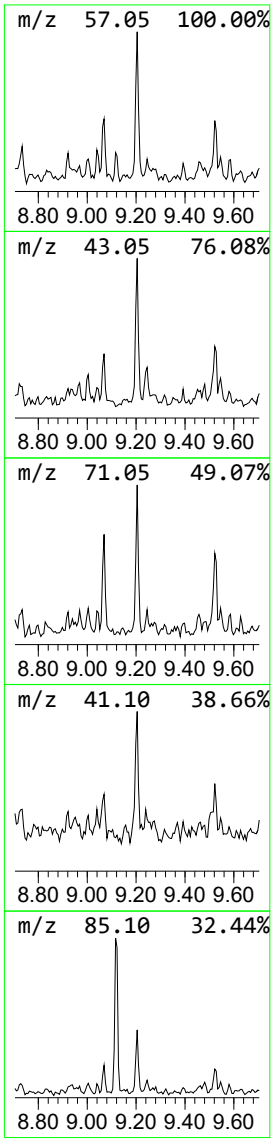
****

Peak Number 1 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	2.25 ng	109151	Acenaphthene-d10	9.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Dodecane	170	C12H26	000112-40-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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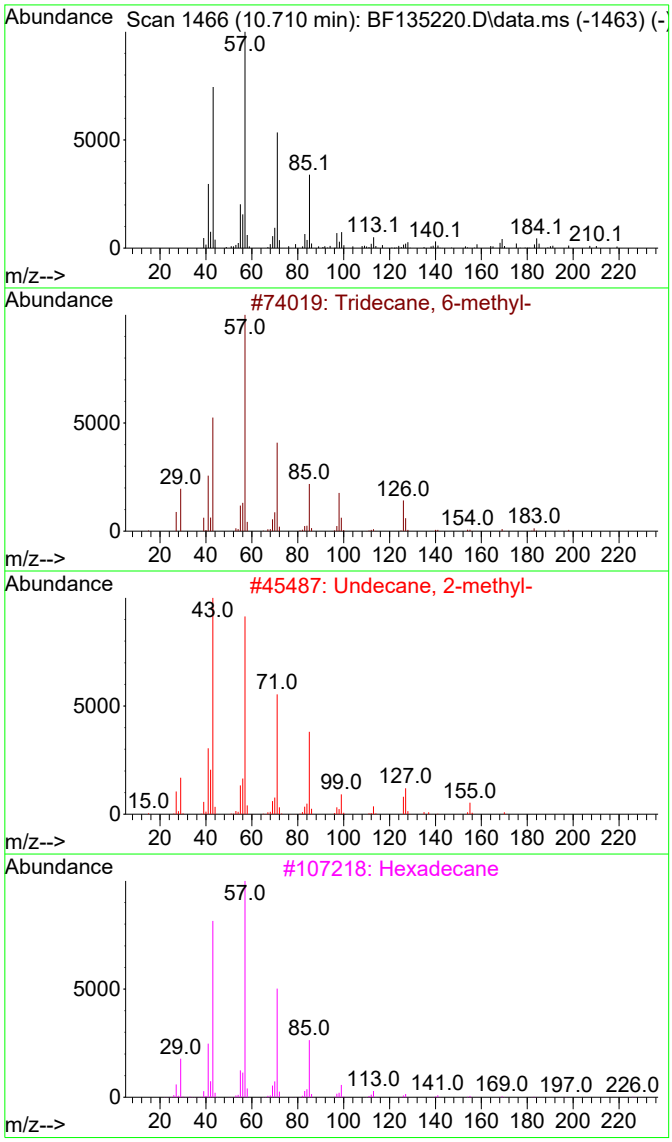
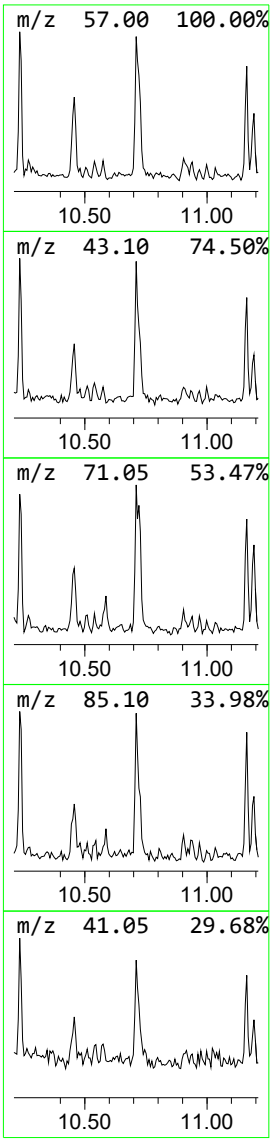
Peak Number 2 Tridecane, 6-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.710	3.19 ng	138341	Phenanthrene-d10	11.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Pentadecane	212	C15H32	000629-62-9	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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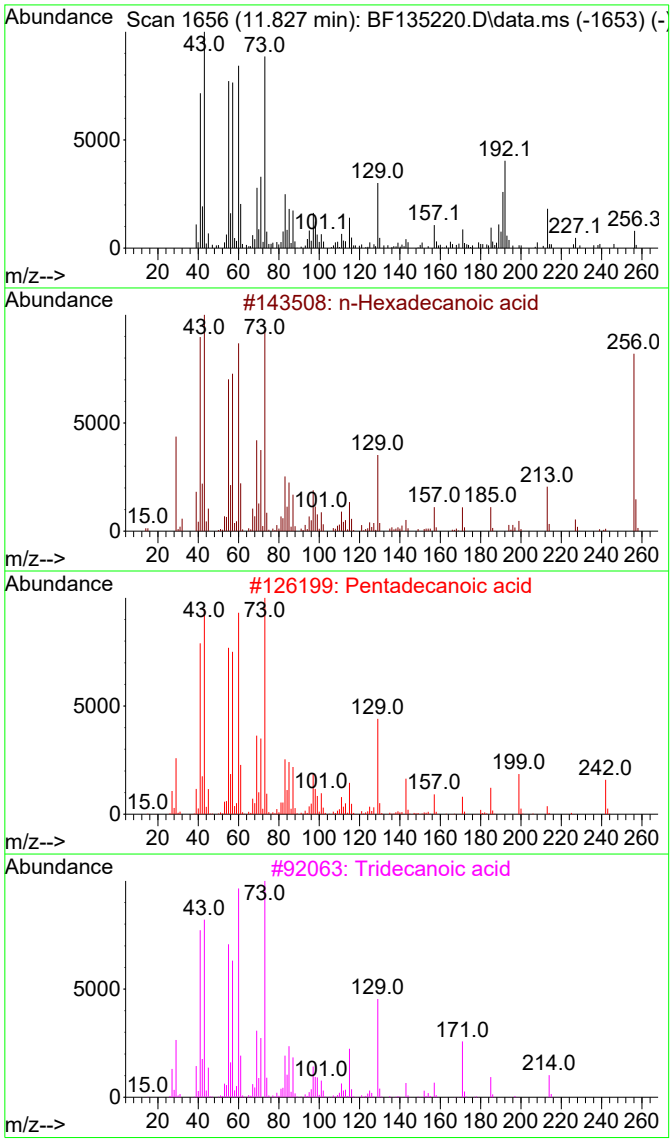
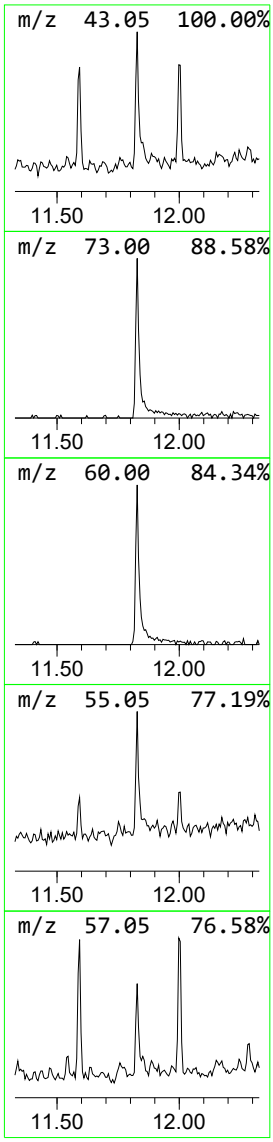
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	3.18 ng	137751	Phenanthrene-d10	11.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3	Tridecanoic acid	214	C13H26O2	000638-53-9	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Nonanoic acid	158	C9H18O2	000112-05-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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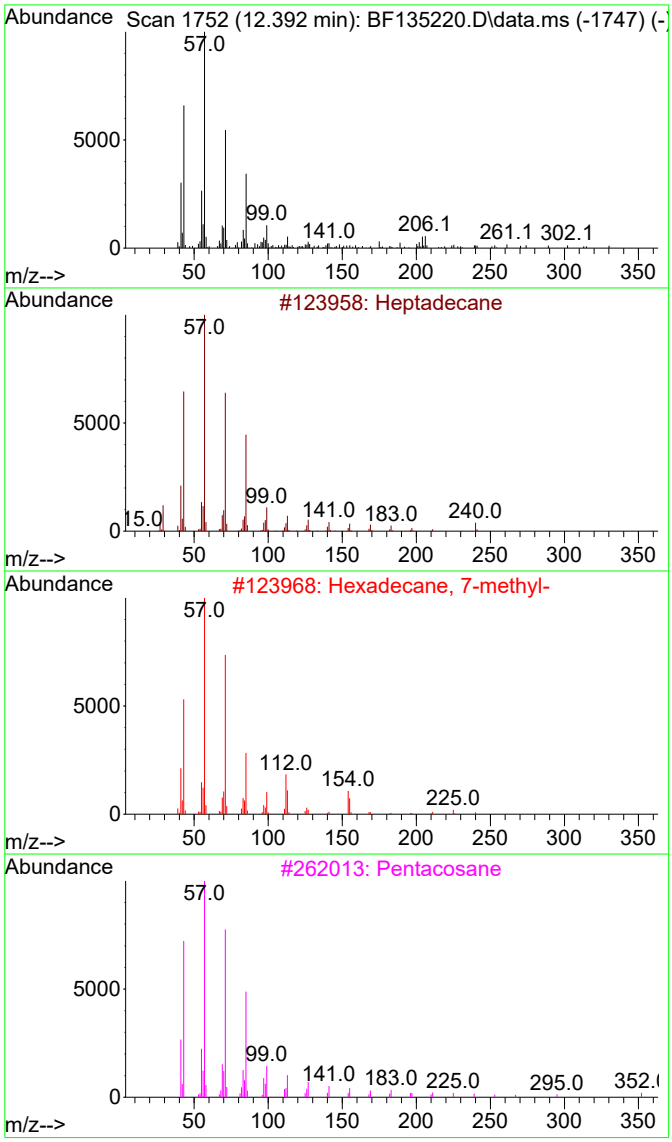
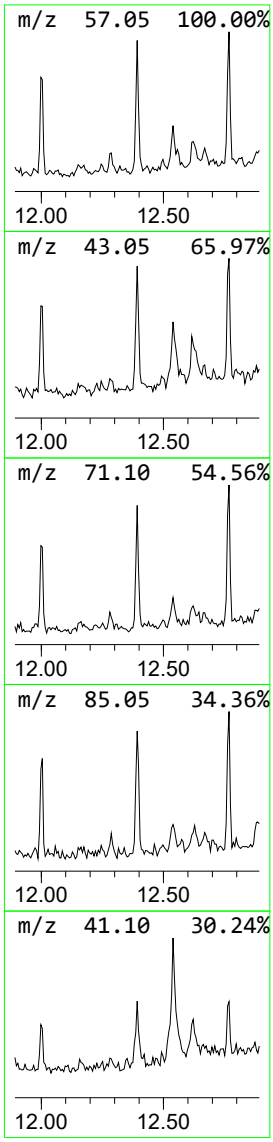
Peak Number 4 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	2.96 ng	128540	Phenanthrene-d10	11.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	74
3	Pentacosane	352	C25H52	000629-99-2	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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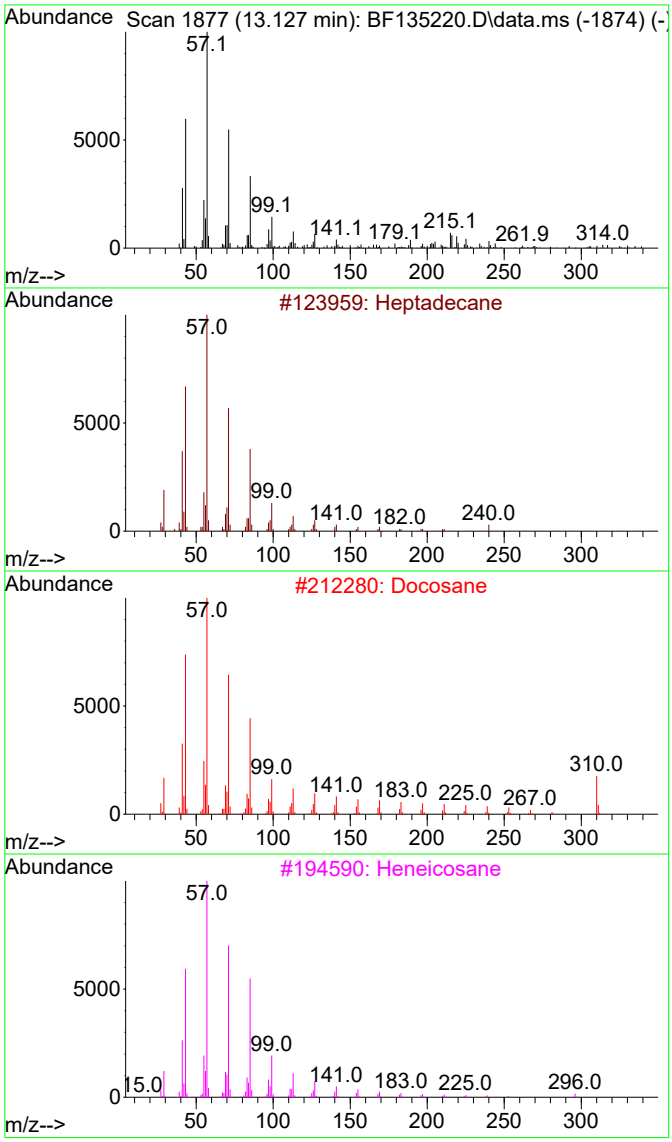
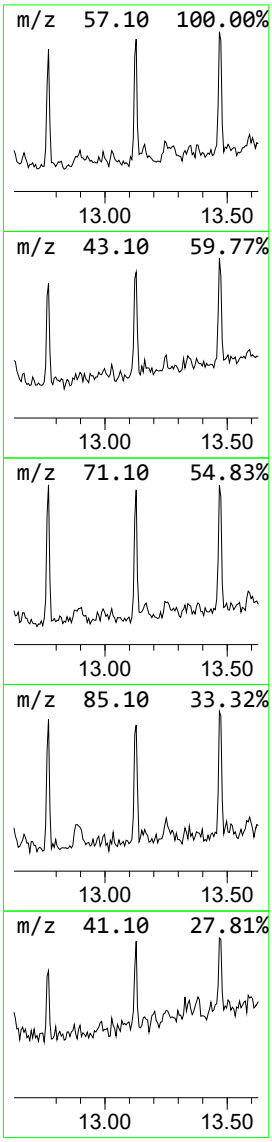
Peak Number 5 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	2.31 ng	98329	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Docosane	310	C22H46	000629-97-0	80
3	Heneicosane	296	C21H44	000629-94-7	76
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

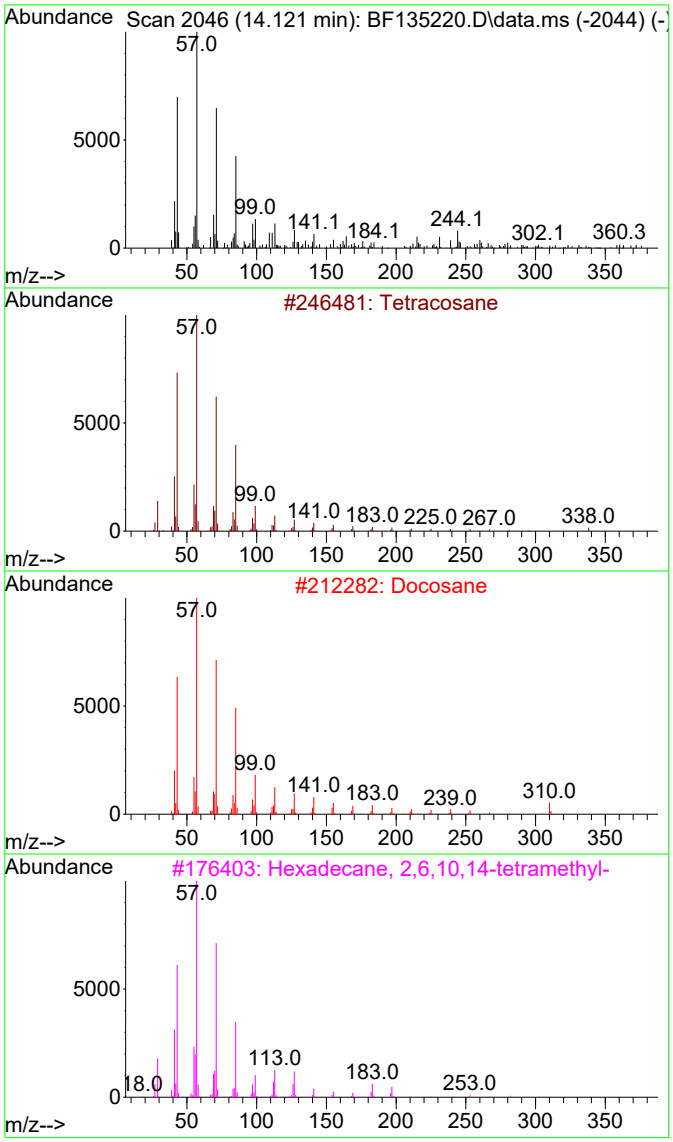
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

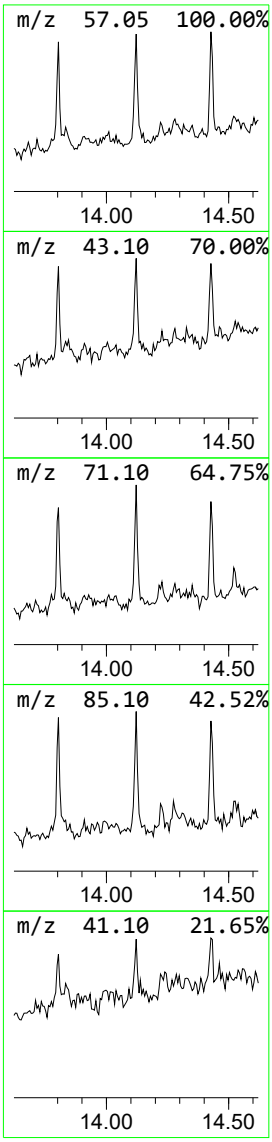
****

Peak Number 6 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	2.50 ng	106303	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Docosane	310	C22H46	000629-97-0	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Hexatriacontane	507	C36H74	000630-06-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135220.D
Acq On : 13 Sep 2023 12:27
Operator : CG\JU
Sample : 04370-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-09082023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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
Tetradecane	9.204	2.3	ng	109151	3	9.798	970332	20.0
Tridecane, 6-me...	10.710	3.2	ng	138341	4	11.292	867359	20.0
n-Hexadecanoic ...	11.828	3.2	ng	137751	4	11.292	867359	20.0
Heptadecane	12.392	3.0	ng	128540	4	11.292	867359	20.0
Docosane	13.127	2.3	ng	98329	5	13.951	851420	20.0
Tetracosane	14.121	2.5	ng	106303	5	13.951	851420	20.0