LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135974.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	498	502	514	rBV	204601	227206	14.07%	1.056%
2	5.440	561	570	574	rBV	1400214	1331348	82.43%	6.189%
3	6.357	723	726	729	rBV2	31105	30920	1.91%	0.144%
4	6.445	737	741	744	rVB	1769819	1409995	87.30%	6.555%
5	6.651	773	776	777	rBV	57377	55064	3.41%	0.256%
6	6.663	777	778	781	rVB	69503	40175	2.49%	0.187%
7	6.828	802	806	809	rBV	1131449	997612	61.77%	4.638%
8	6.881	812	815	820	rBV2	23949	25862	1.60%	0.120%
9	7.104	850	853	855	rVB	35510	32451	2.01%	0.151%
10	7.145	855	860	861	rBV2	31655	36728	2.27%	0.171%
11	7.216	869	872	875	rVB2	38445	35063	2.17%	0.163%
12	7.381	891	900	903	rBV	1230739	939306	58.16%	4.367%
13	7.422	905	907	910	rVV	124745	87379	5.41%	0.406%
14	7.475	910	916	918	rVB4	20212	30334	1.88%	0.141%
15	7.628	937	942	945	rVB3	26488	40824	2.53%	0.190%
16	7.792	968	970	972	rVB2	30724	24189	1.50%	0.112%
17	7.822	972	975	977	rBV3	33762	34115	2.11%	0.159%
18	7.857	980	981	986	rVB3	32058	34136	2.11%	0.159%
19	8.069	1011	1017	1018	rBV5	18574	29883	1.85%	0.139%
20	8.104	1018	1023	1025	rVV	1666215	1406875	87.11%	6.540%
21	8.122	1025	1026	1029	rVV	83779	68794	4.26%	0.320%
22	8.169	1032	1034	1037	rVB	57108	41294	2.56%	0.192%
23	8.275	1046	1052	1055	rBV6	14553	26969	1.67%	0.125%
24	8.304	1055	1057	1060	rVB2	31628	28908	1.79%	0.134%
25	8.398	1068	1073	1076	rBV4	40766	61606	3.81%	0.286%
26	8.457	1080	1083	1085	rVB3	38652	34665	2.15%	0.161%
27	8.486	1085	1088	1091	rBV3	61751	53961	3.34%	0.251%
28	8.528	1091	1095	1097	rBV2	58983	57014	3.53%	0.265%
29	8.610	1106	1109	1112	rBV2	70507	58216	3.60%	0.271%
30	8.698	1121	1124	1128	rBV	202744	184213	11.41%	0.856%
31	8.763	1133	1135	1138	rVV2	45694	46751	2.89%	0.217%
32	8.816	1142	1144	1148	rVB	60488	49769	3.08%	0.231%
33	8.928	1157	1163	1165	rBV2	57747	86646	5.36%	0.403%
34	8.986	1170	1173	1175	rBV3	26401	24270	1.50%	0.113%
35	9.069	1184	1187	1190	rVB2	47154	43212	2.68%	0.201%
36	9.104	1191	1193	1195	rBV2	32258	27020	1.67%	0.126%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
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Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.133	1195	1198	1203	rVV2	60856	56566	3.50%	0.263%
38	9.181	1203	1206	1209	rVV	2223948	1615065	100.00%	7.508%
39	9.269	1217	1221	1225	rBV	258957	229531	14.21%	1.067%
40	9.304	1225	1227	1229	rVV3	32050	40670	2.52%	0.189%
41	9.333	1229	1232	1234	rVV	46810	52016	3.22%	0.242%
42	9.439	1245	1250	1257	rBV5	43986	81708	5.06%	0.380%
43	9.522	1261	1264	1266	rVV2	75524	86687	5.37%	0.403%
44	9.545	1266	1268	1270	rVV2	70775	57628	3.57%	0.268%
45	9.586	1270	1275	1277	rVV4	106392	143354	8.88%	0.666%
46	9.610	1277	1279	1282	rVV2	71356	66784	4.14%	0.310%
47	9.645	1282	1285	1288	rVB2	56227	63419	3.93%	0.295%
48	9.722	1295	1298	1300	rBV	34555	32399	2.01%	0.151%
49	9.775	1303	1307	1309	rBV4	31174	33595	2.08%	0.156%
50	9.798	1309	1311	1315	rVB	307012	225725	13.98%	1.049%
51	9.863	1315	1322	1325	rBV	1394032	1220977	75.60%	5.676%
52	9.969	1337	1340	1344	rVB3	28616	36115	2.24%	0.168%
53	10.033	1348	1351	1354	rBV2	44023	67966	4.21%	0.316%
54	10.063	1354	1356	1359	rVB	62786	50564	3.13%	0.235%
55	10.122	1364	1366	1370	rVB2	59954	60772	3.76%	0.283%
56	10.304	1393	1397	1399	rVB	282075	223571	13.84%	1.039%
57	10.357	1404	1406	1412	rVB6	26355	38592	2.39%	0.179%
58	10.404	1412	1414	1416	rBV2	41298	37421	2.32%	0.174%
59	10.522	1428	1434	1440	rBV	116395	164848	10.21%	0.766%
60	10.575	1440	1443	1446	rVB4	32386	38233	2.37%	0.178%
61	10.610	1446	1449	1451	rBV2	37598	37913	2.35%	0.176%
62	10.645	1452	1455	1460	rVB	667574	553828	34.29%	2.575%
63	10.775	1475	1477	1485	rVV	268448	375174	23.23%	1.744%
64	10.975	1508	1511	1512	rBV2	32717	37635	2.33%	0.175%
65	11.010	1515	1517	1519	rVB2	28979	23959	1.48%	0.111%
66	11.104	1531	1533	1538	rVB4	37960	41516	2.57%	0.193%
67	11.227	1551	1554	1557	rBV	265454	218315	13.52%	1.015%
68	11.257	1557	1559	1565	rVB	110264	111044	6.88%	0.516%
69	11.351	1571	1575	1577	rBV	1262599	987033	61.11%	4.589%
70	11.375	1577	1579	1582	rVV	146179	110713	6.86%	0.515%
71	11.422	1585	1587	1590	rVB	46295	42351	2.62%	0.197%
72	11.504	1598	1601	1606	rBV5	25228	33070	2.05%	0.154%
73	11.610	1617	1619	1624	rBV	28645	25832	1.60%	0.120%
74	11.657	1624	1627	1630	rBV	228297	190665	11.81%	0.886%
75	11.757	1641	1644	1649	rVB2	89020	98461	6.10%	0.458%
76	11.857	1658	1661	1664	rVV3	38566	45763	2.83%	0.213%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

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-BF102523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.886	1664	1666	1669	rVB2	73402	63266	3.92%	0.294%
78	11.927	1670	1673	1676	rVB5	26807	31634	1.96%	0.147%
79	11.963	1676	1679	1682	rBV2	79136	94971	5.88%	0.442%
80	12.069	1694	1697	1700	rBV	214078	168695	10.45%	0.784%
81	12.357	1743	1746	1749	rVB2	51116	45301	2.80%	0.211%
82	12.410	1752	1755	1758	rBV2	65093	71203	4.41%	0.331%
83	12.451	1758	1762	1768	rBV3	323745	587560	36.38%	2.731%
84	12.569	1778	1782	1786	rBV	169421	160110	9.91%	0.744%
85	12.604	1786	1788	1789	rBV	31290	26551	1.64%	0.123%
86	12.698	1802	1804	1806	rBV2	31489	25681	1.59%	0.119%
87	12.798	1818	1821	1825	rBV	189528	158612	9.82%	0.737%
88	12.839	1825	1828	1830	rVV	182492	141376	8.75%	0.657%
89	12.863	1830	1832	1835	rVB2	36299	28655	1.77%	0.133%
90	12.951	1843	1847	1850	rBV	1765945	1452982	89.96%	6.755%
91	13.198	1886	1889	1892	rBV	218576	188911	11.70%	0.878%
92	13.327	1908	1911	1914	rBV2	72381	77982	4.83%	0.363%
93	13.545	1944	1948	1950	rBV2	207165	225032	13.93%	1.046%
94	13.874	2001	2004	2011	rVB	214349	226455	14.02%	1.053%
95	14.004	2023	2026	2029	rVB	980915	924187	57.22%	4.296%
96	14.192	2056	2058	2061	rVB	211743	171840	10.64%	0.799%
97	14.504	2108	2111	2116	rBV	214069	220458	13.65%	1.025%
98	14.815	2162	2164	2171	rVB	201185	239888	14.85%	1.115%
99	15.168	2222	2224	2228	rVB	180060	182628	11.31%	0.849%
100	15.492	2276	2279	2284	rVB	508162	596738	36.95%	2.774%

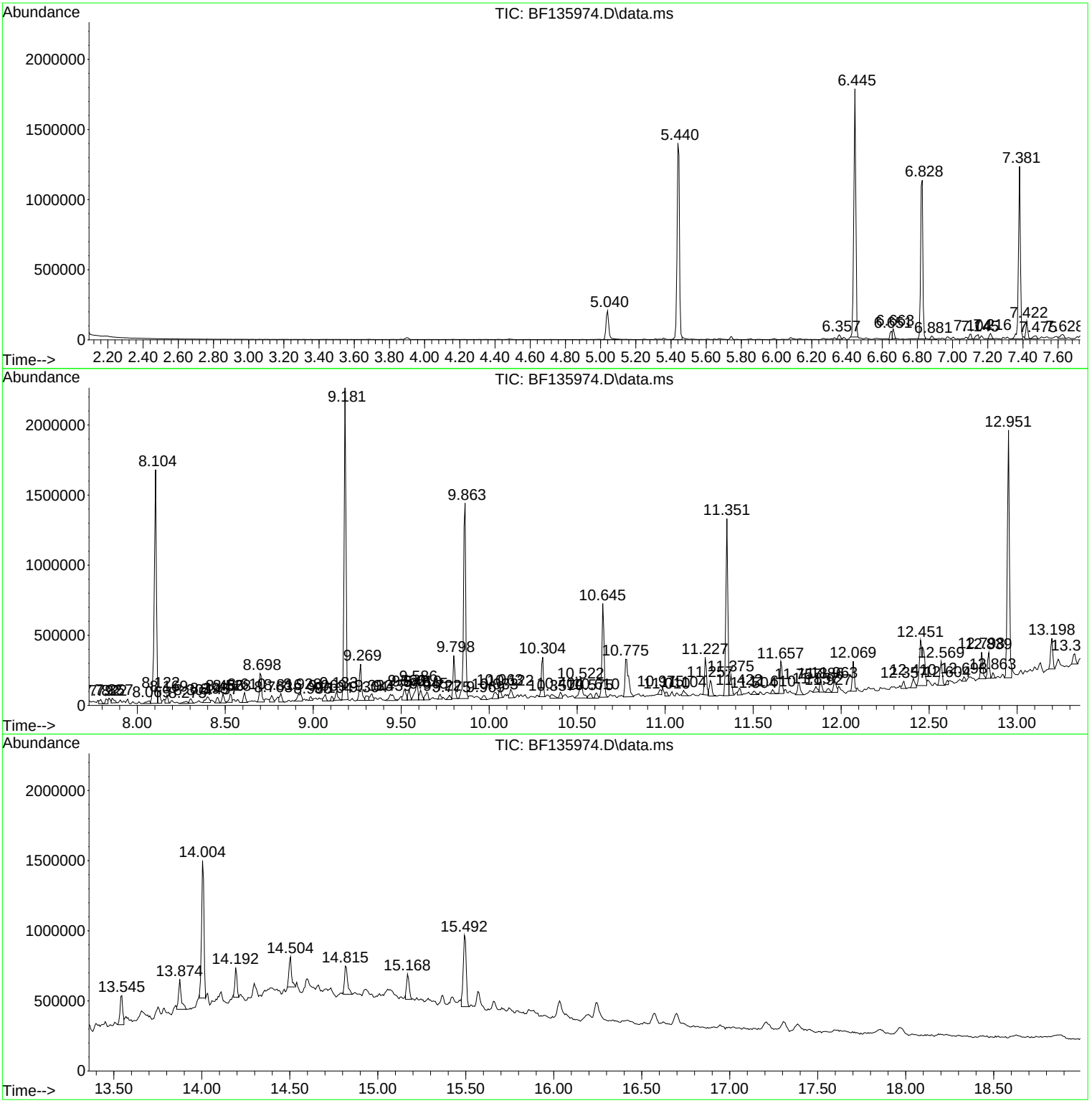
Sum of corrected areas: 21510967

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
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Sample : 05039-02 2X
Misc :
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Instrument :
BNA_F
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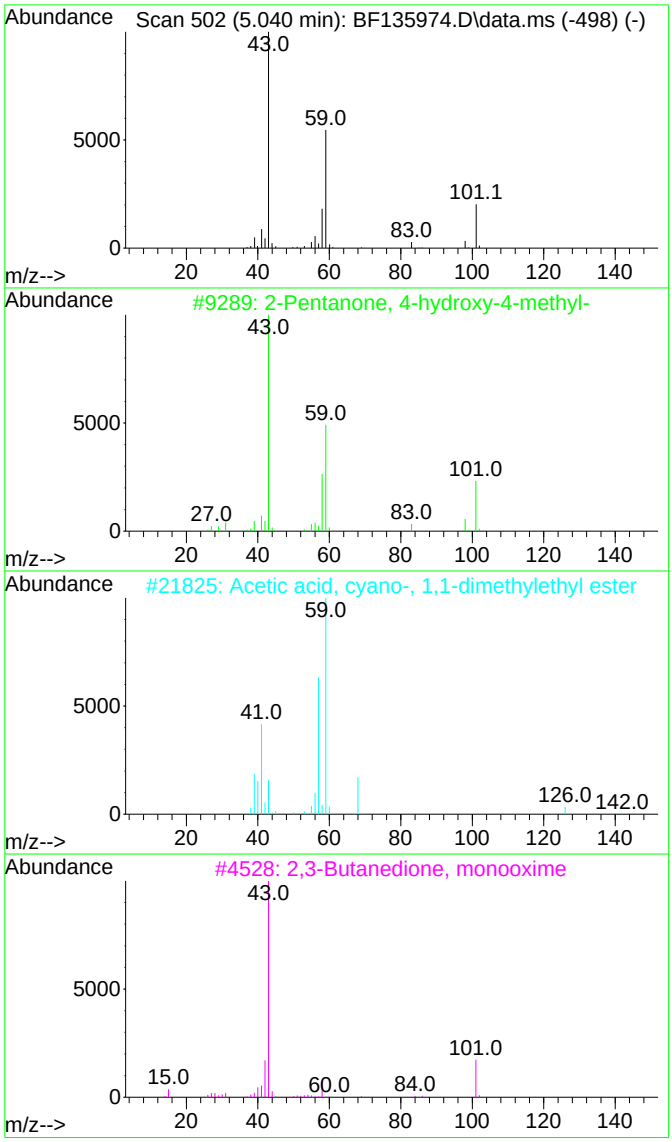
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

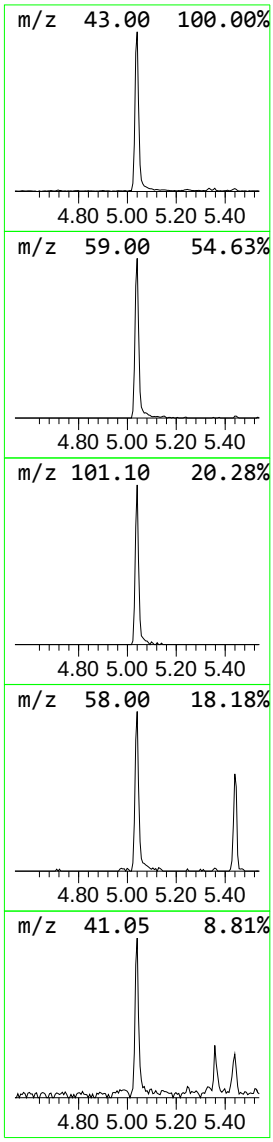
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	4.55 ng	227206	1,4-Dichlorobenzene-d4	6.828

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	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

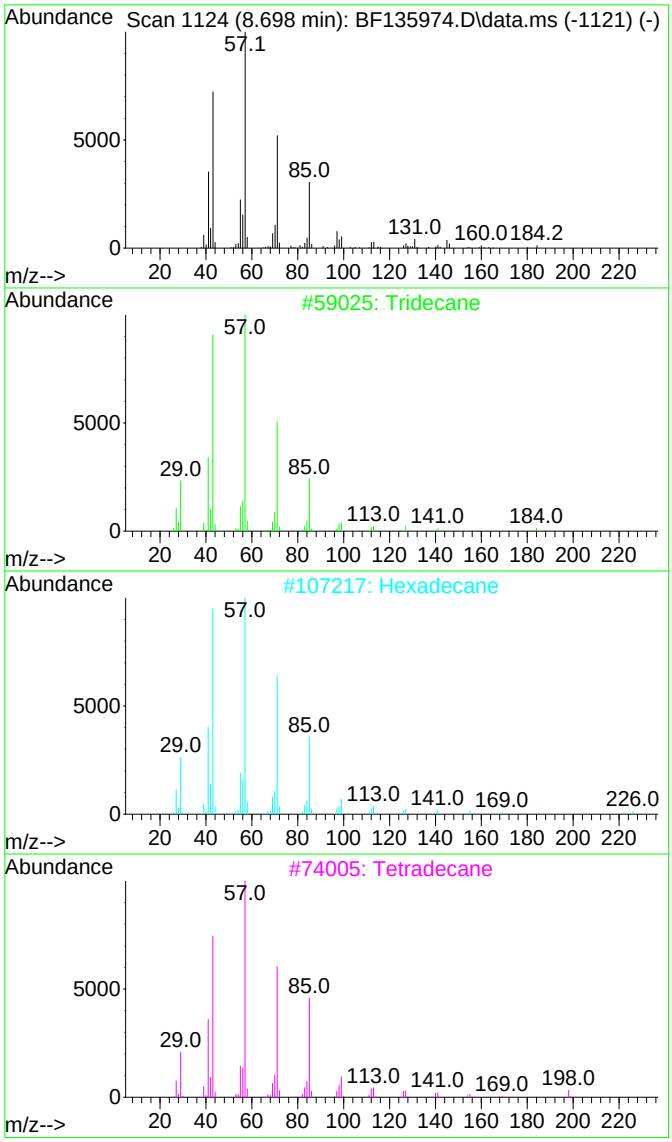
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

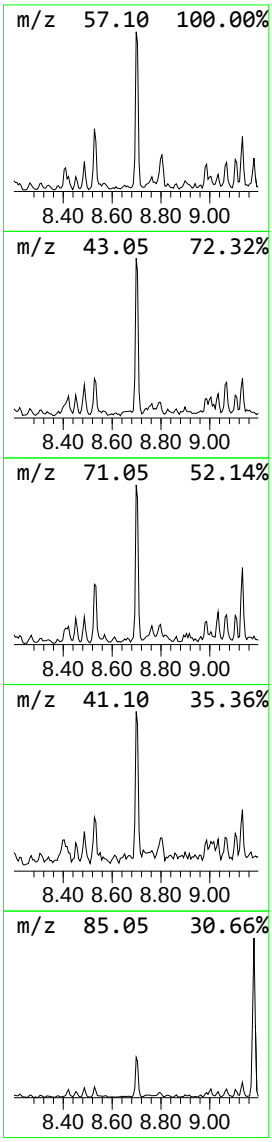
****

Peak Number 2 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	2.62 ng	184213	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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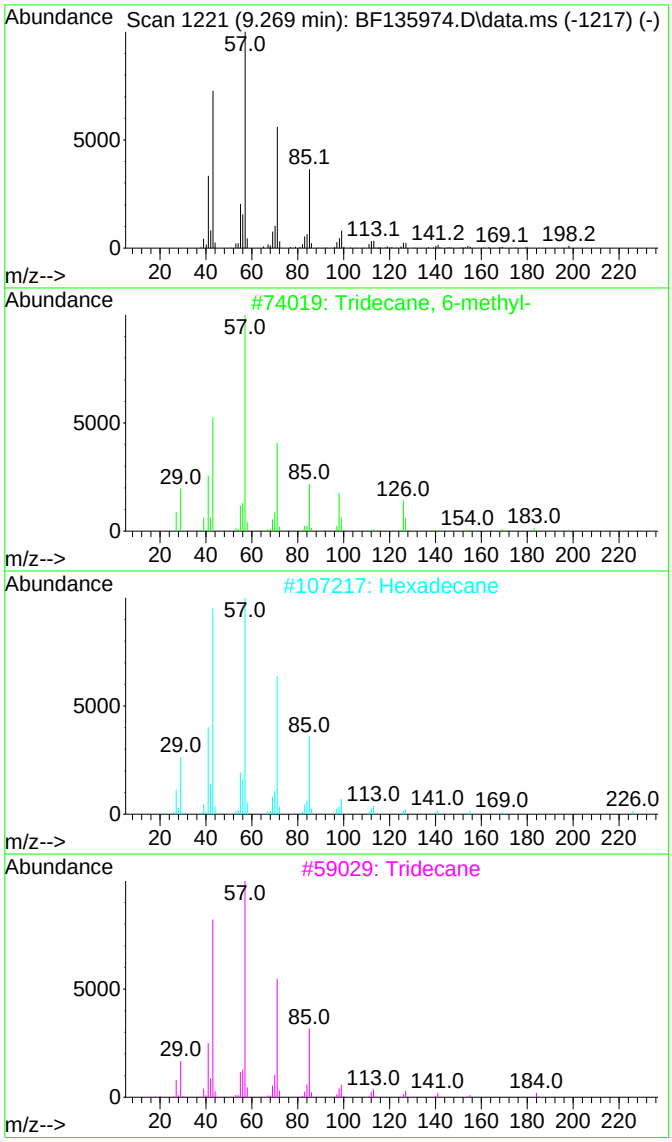
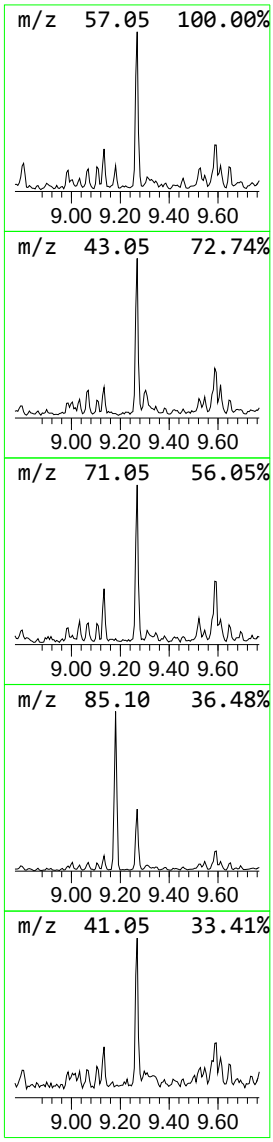
Peak Number 3 Tridecane, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	3.76 ng	229531	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Dodecane	170	C12H26	000112-40-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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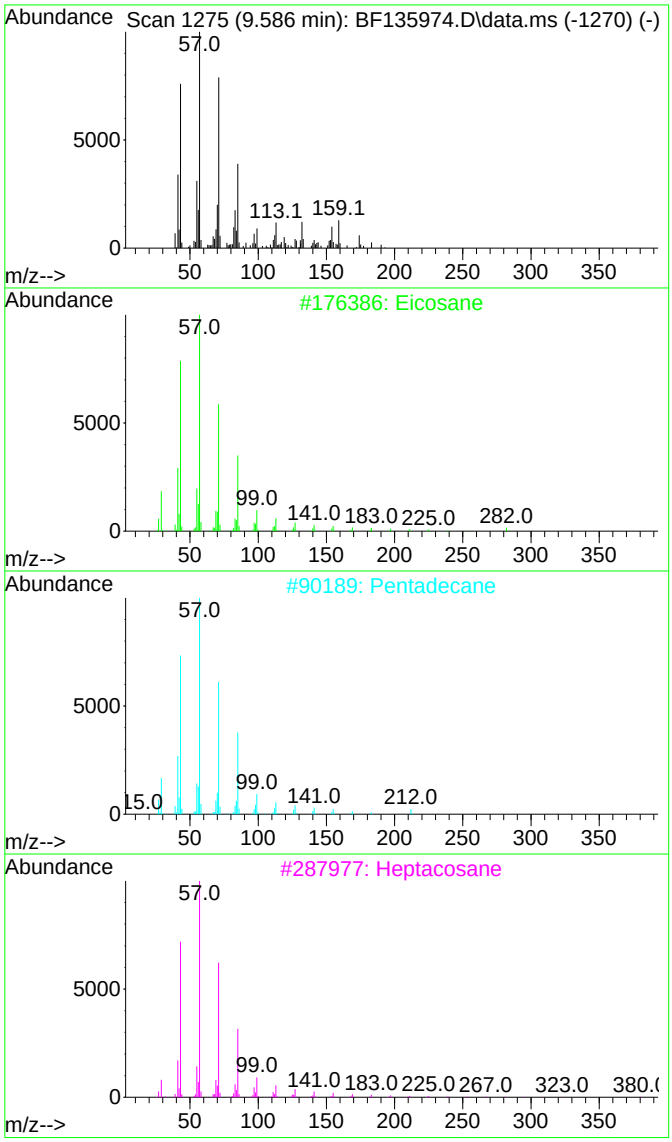
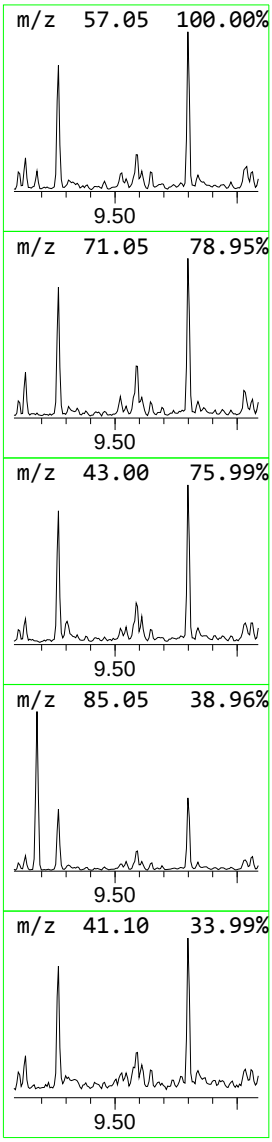
Peak Number 4 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	2.35 ng	143354	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Pentadecane	212	C15H32	000629-62-9	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	52
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

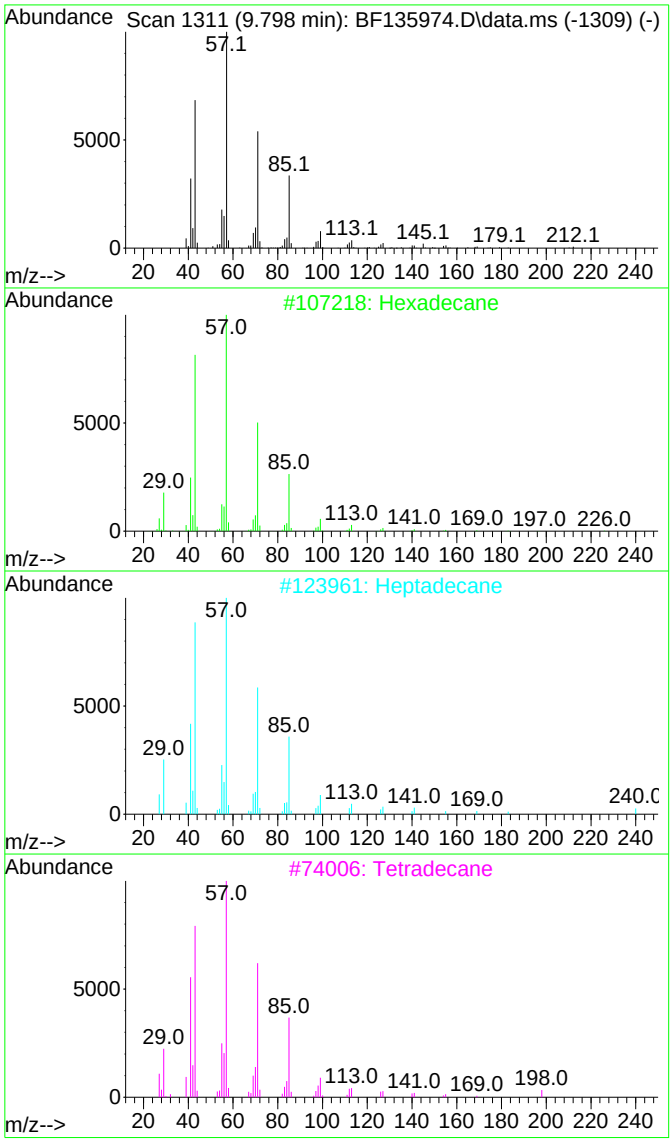
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

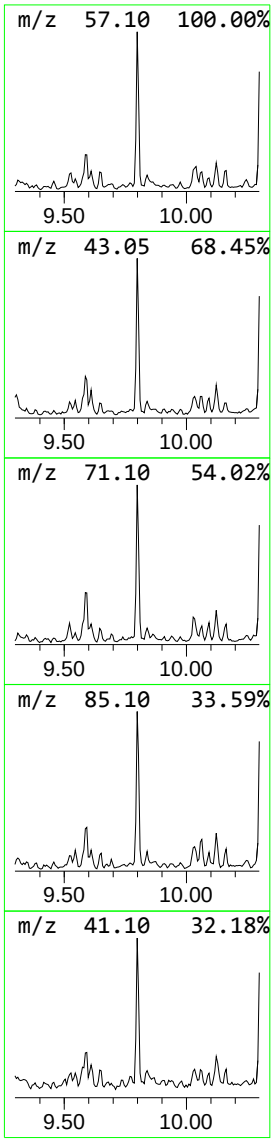
****

Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	3.70 ng	225725	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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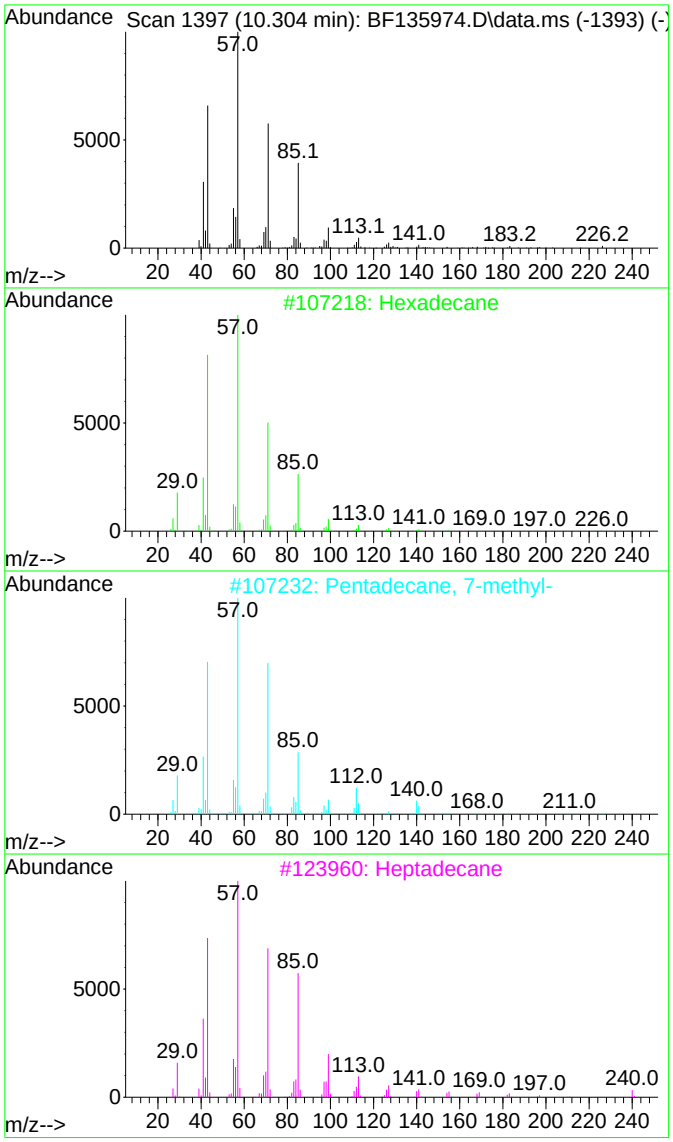
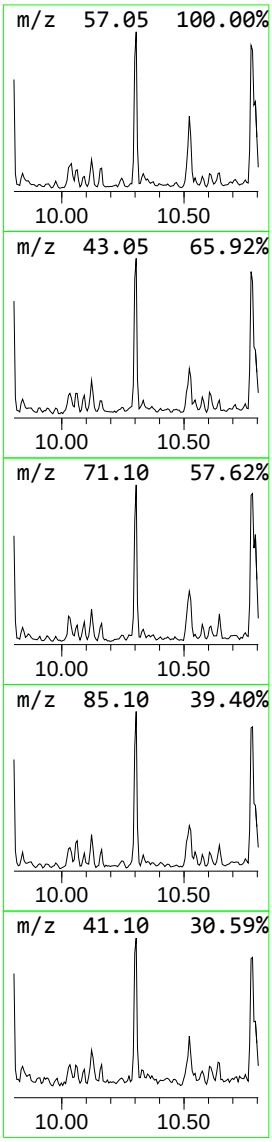
Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	3.66 ng	223571	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3	Heptadecane	240	C17H36	000629-78-7	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	83





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Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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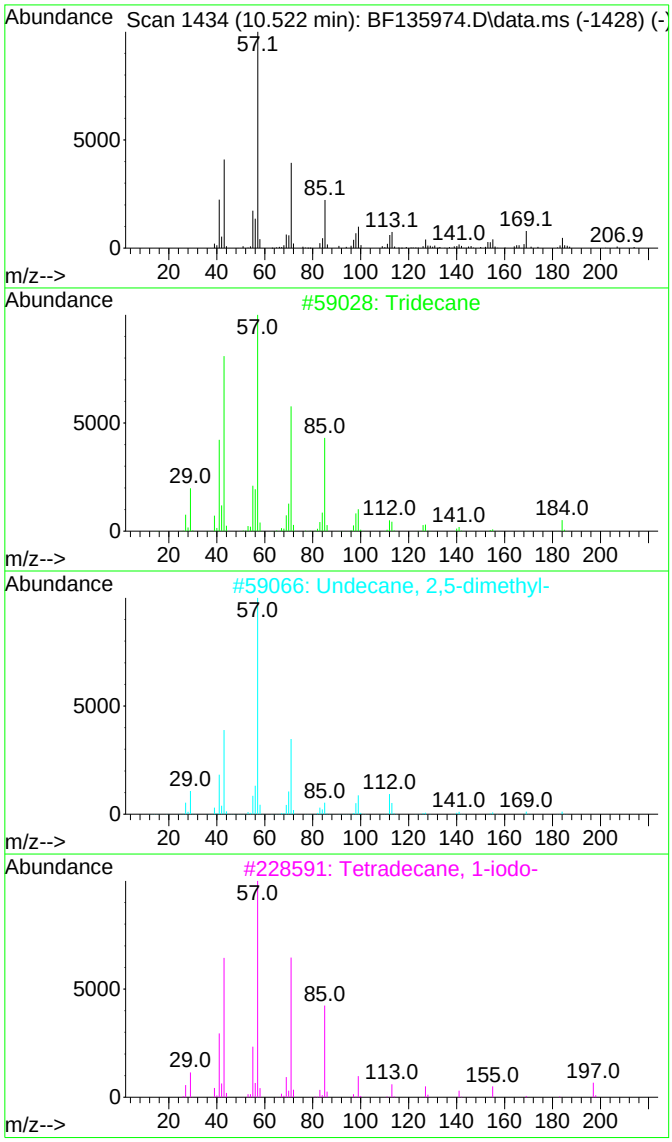
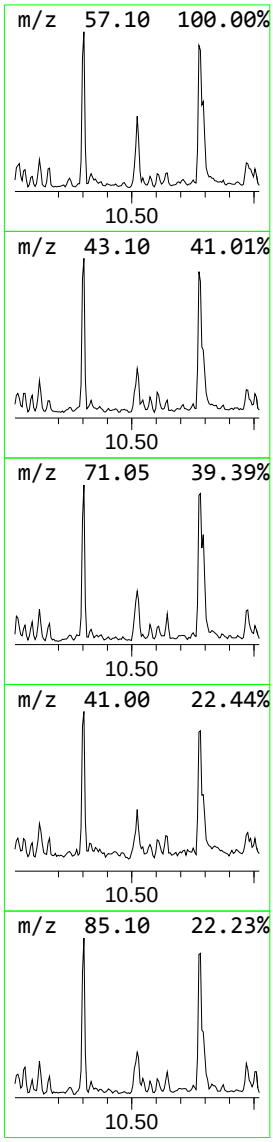
Peak Number 7 Undecane, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	2.70 ng	164848	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	68
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Heptacosane	380	C27H56	000593-49-7	64





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Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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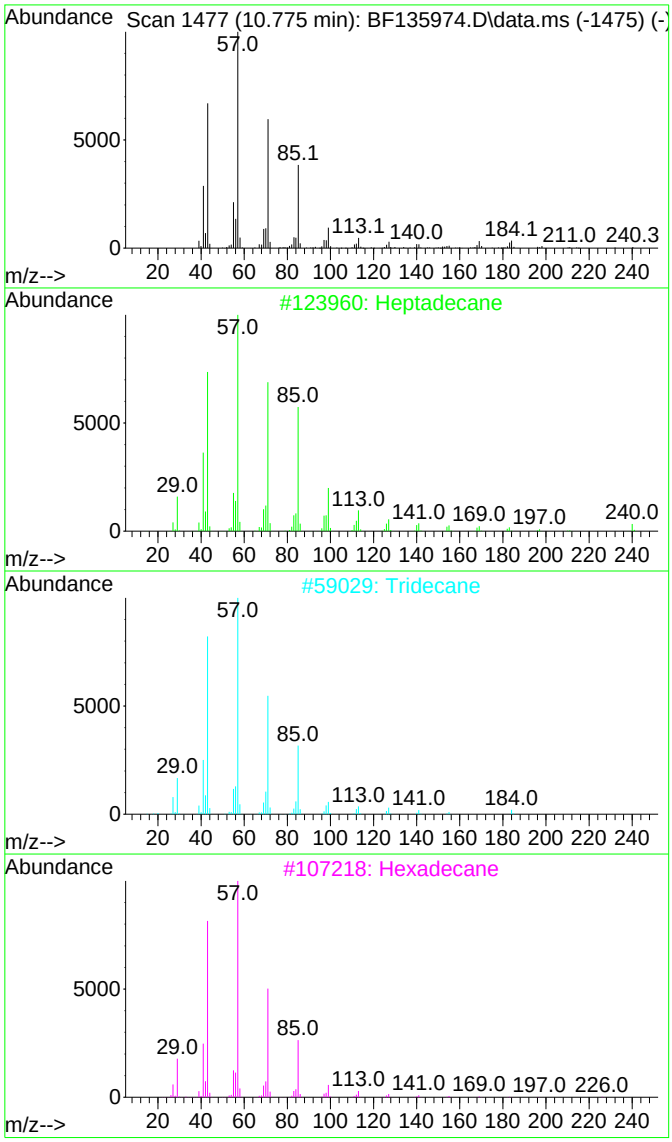
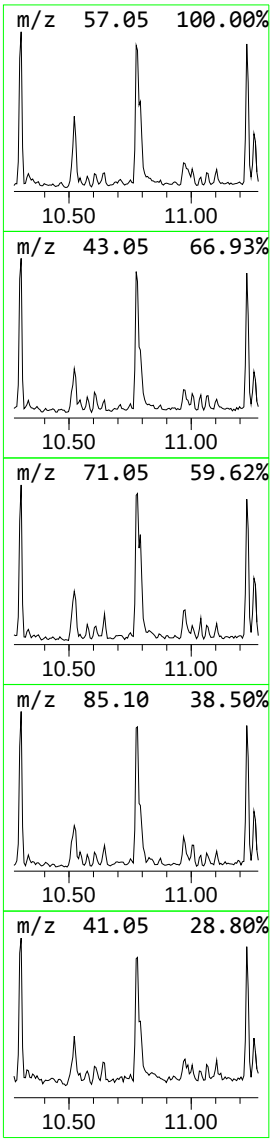
Peak Number 8 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	7.60 ng	375174	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	96
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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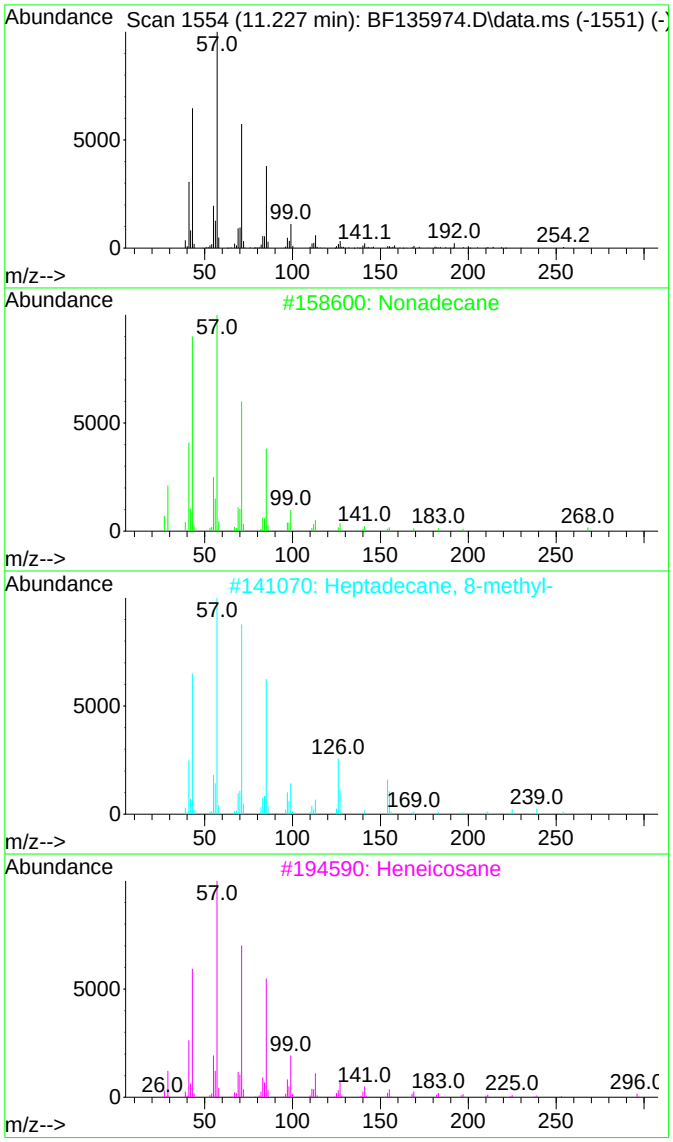
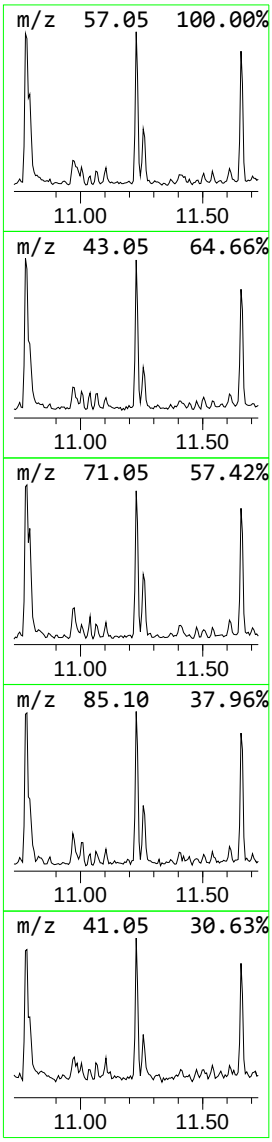
Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	4.42 ng	218315	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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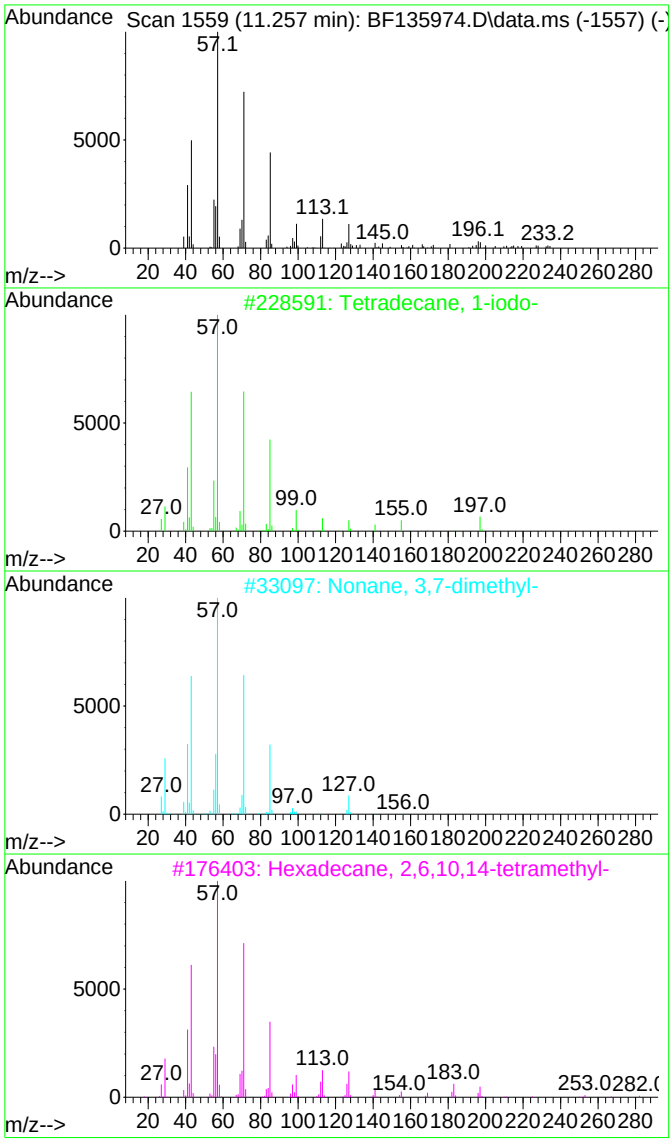
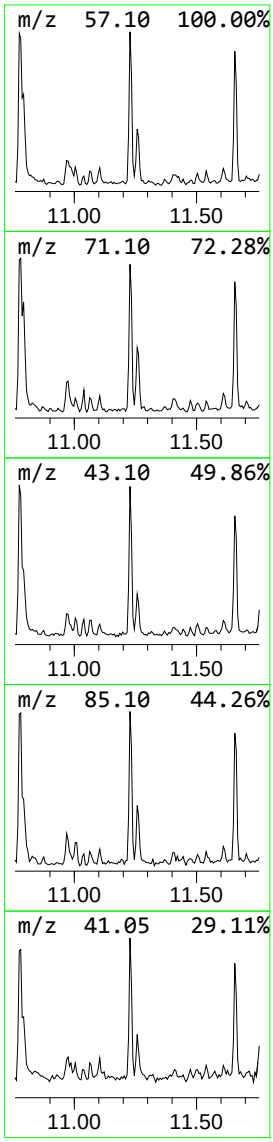
Peak Number 10 Tetradecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	2.25 ng	111044	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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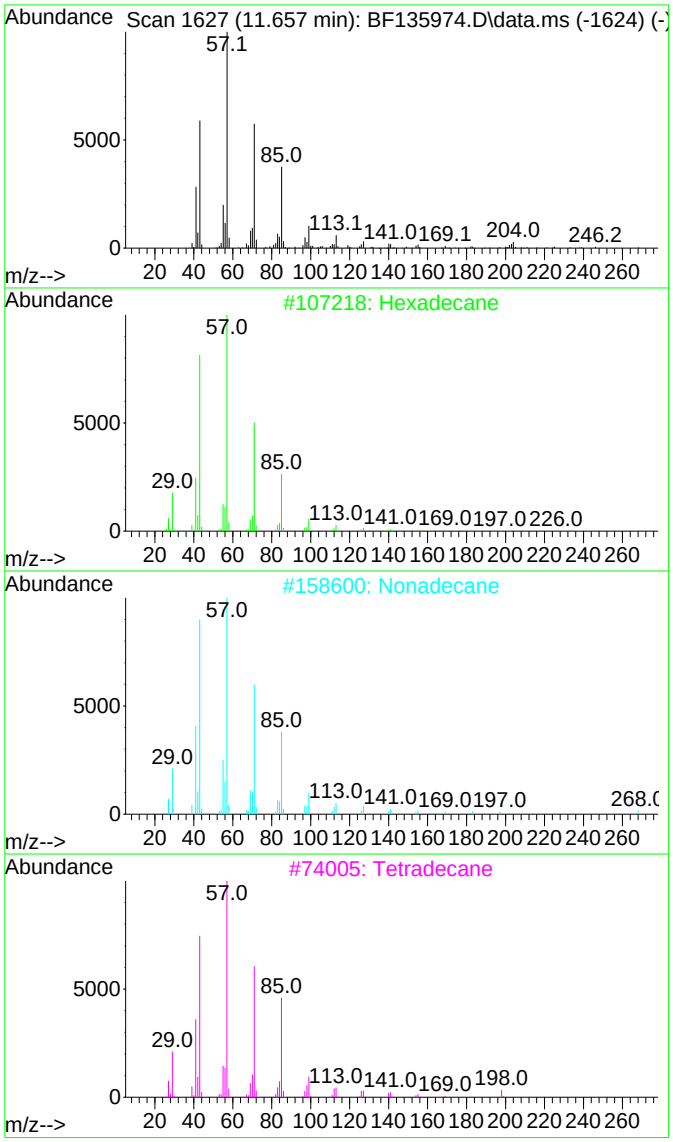
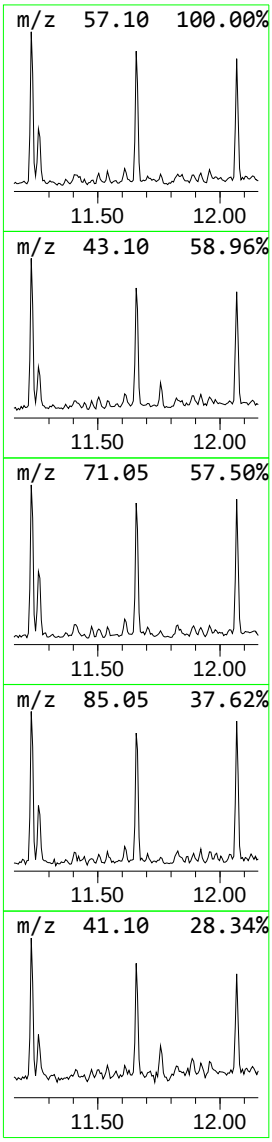
Peak Number 11 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	3.86 ng	190665	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	81





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Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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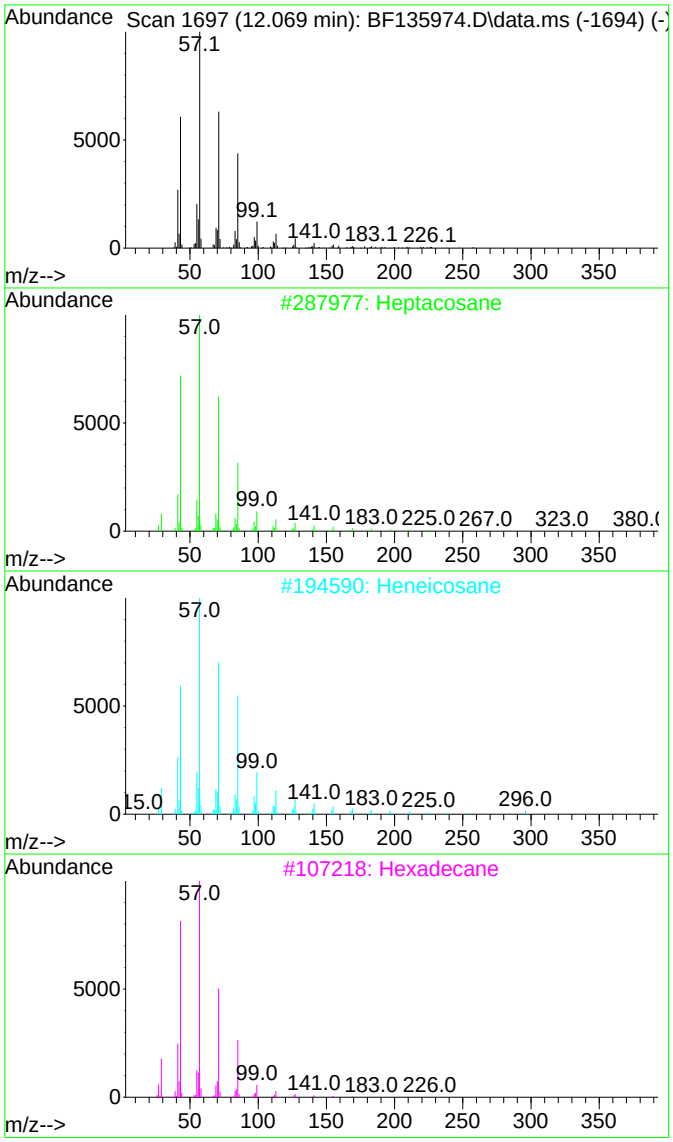
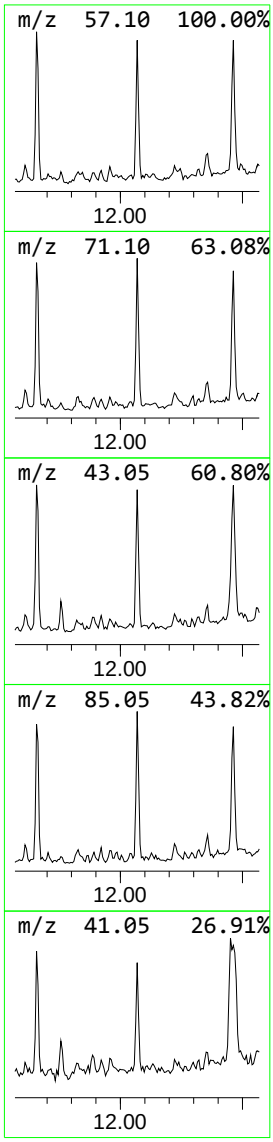
Peak Number 12 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	3.42 ng	168695	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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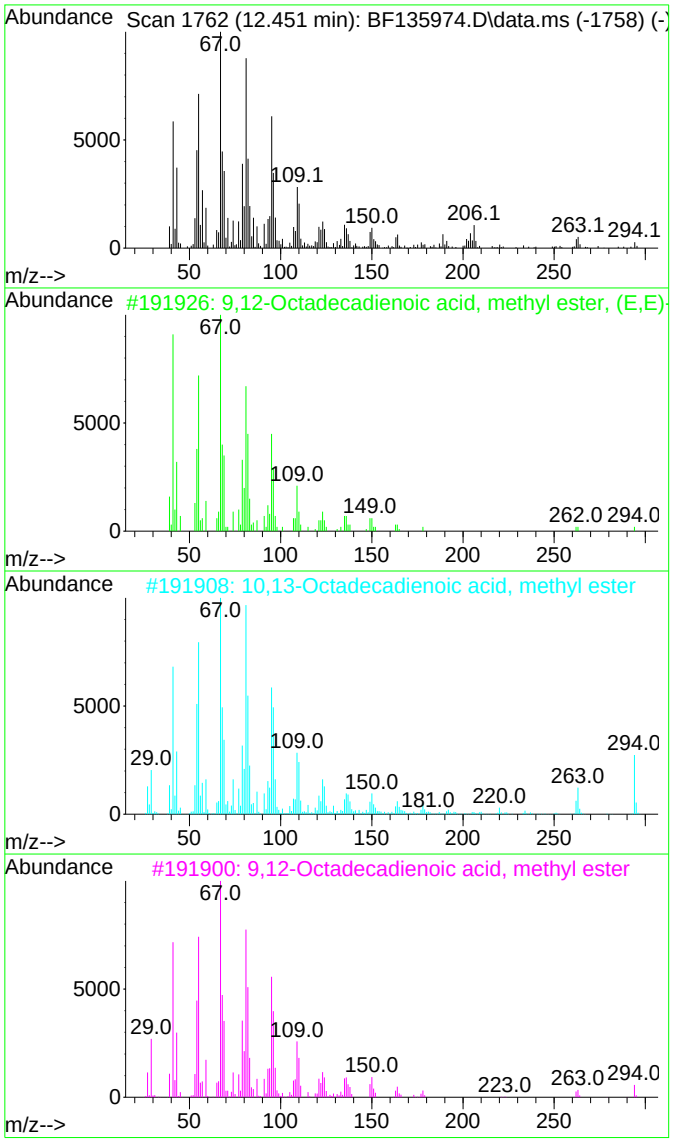
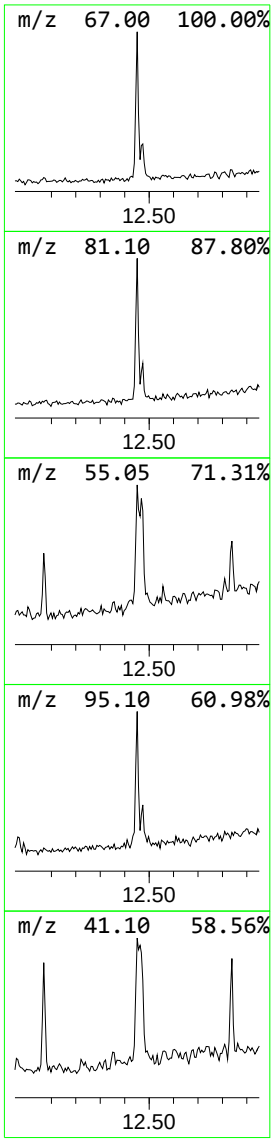
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	11.91 ng	587560	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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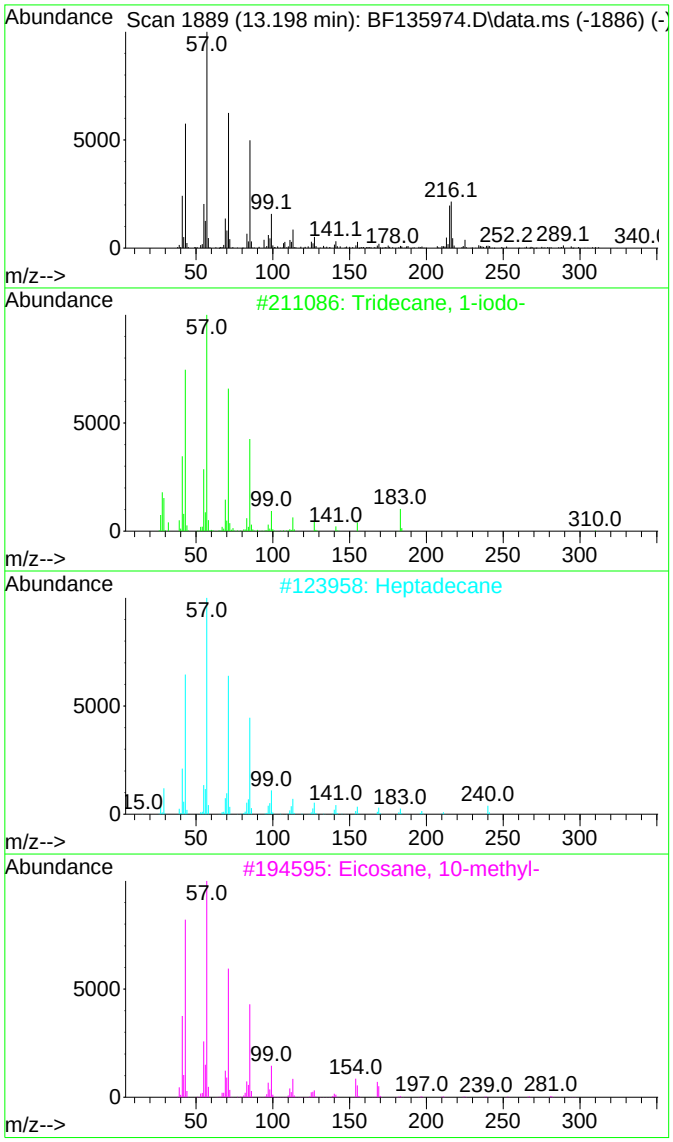
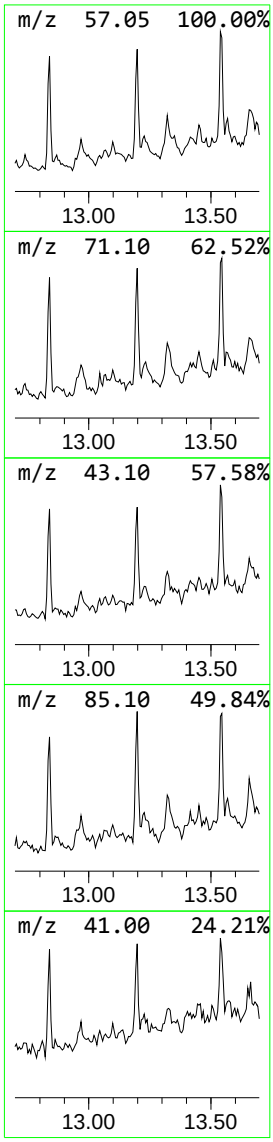
Peak Number 14 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	4.09 ng	188911	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
5	Hexadecane	226	C16H34	000544-76-3	58





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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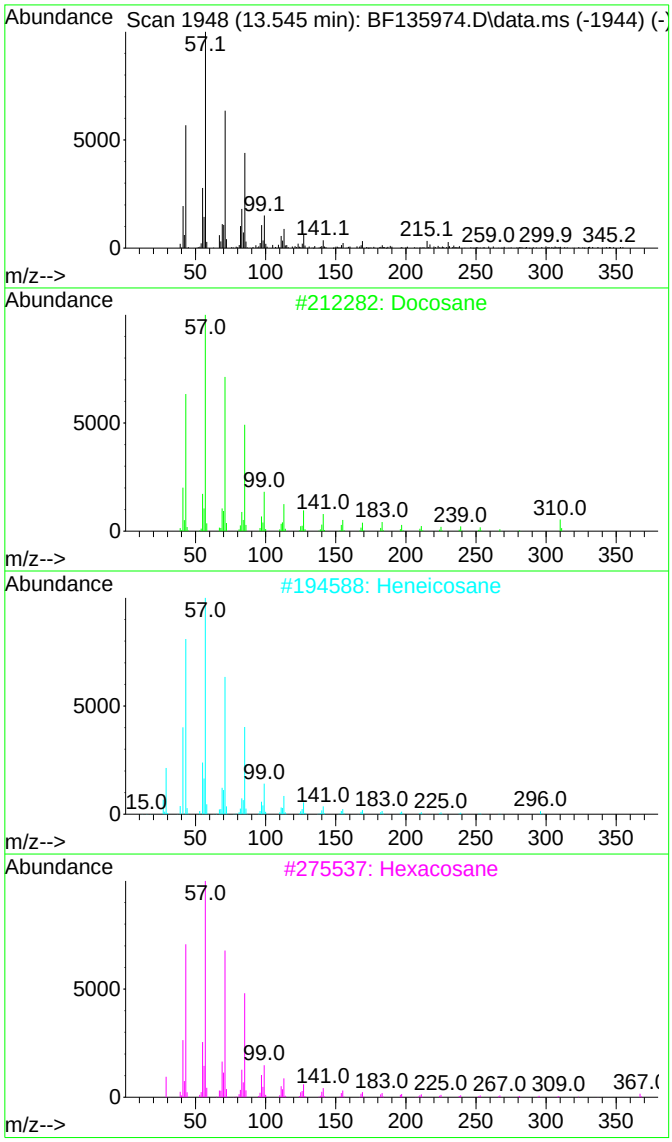
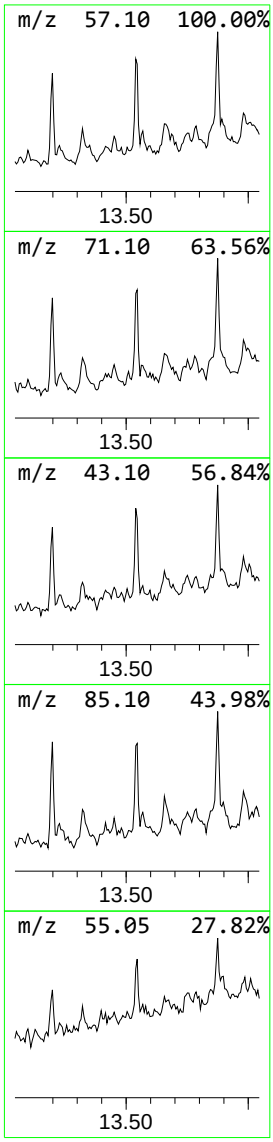
Peak Number 15 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	4.87 ng	225032	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tricosane	324	C23H48	000638-67-5	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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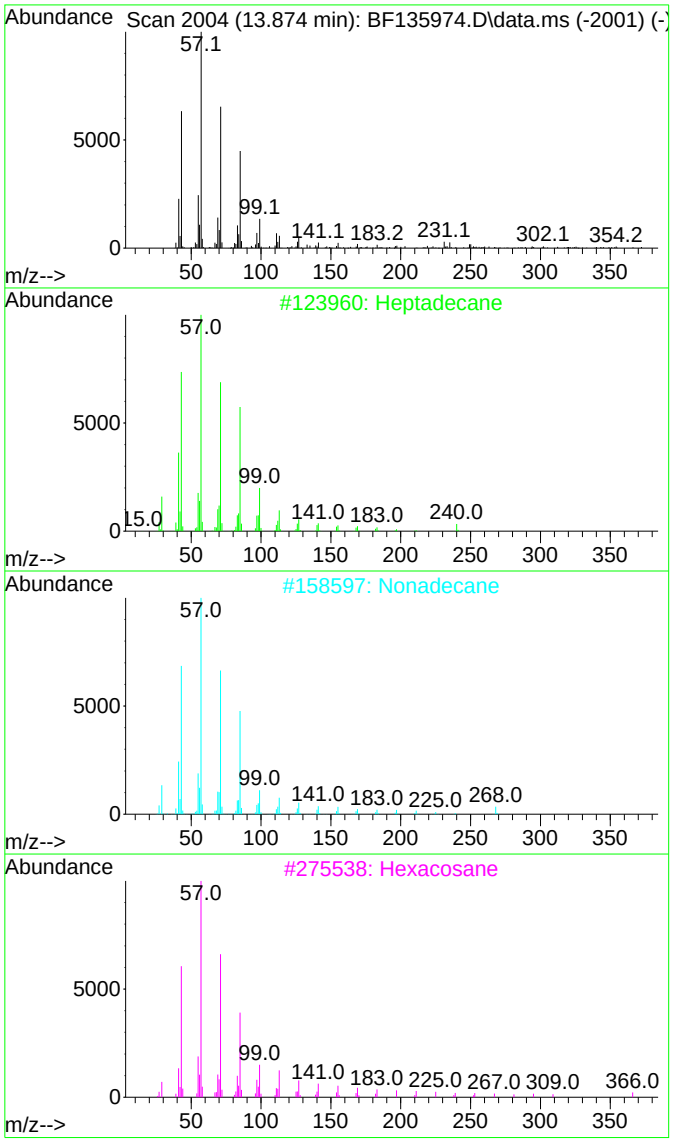
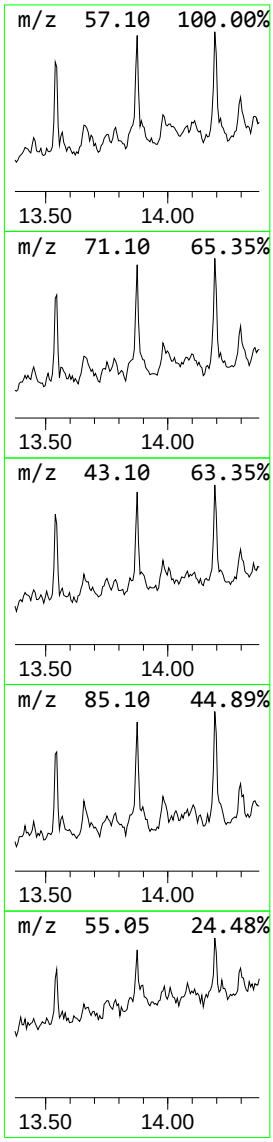
Peak Number 16 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.90 ng	226455	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexacosane	366	C26H54	000630-01-3	89
4	Pentacosane	352	C25H52	000629-99-2	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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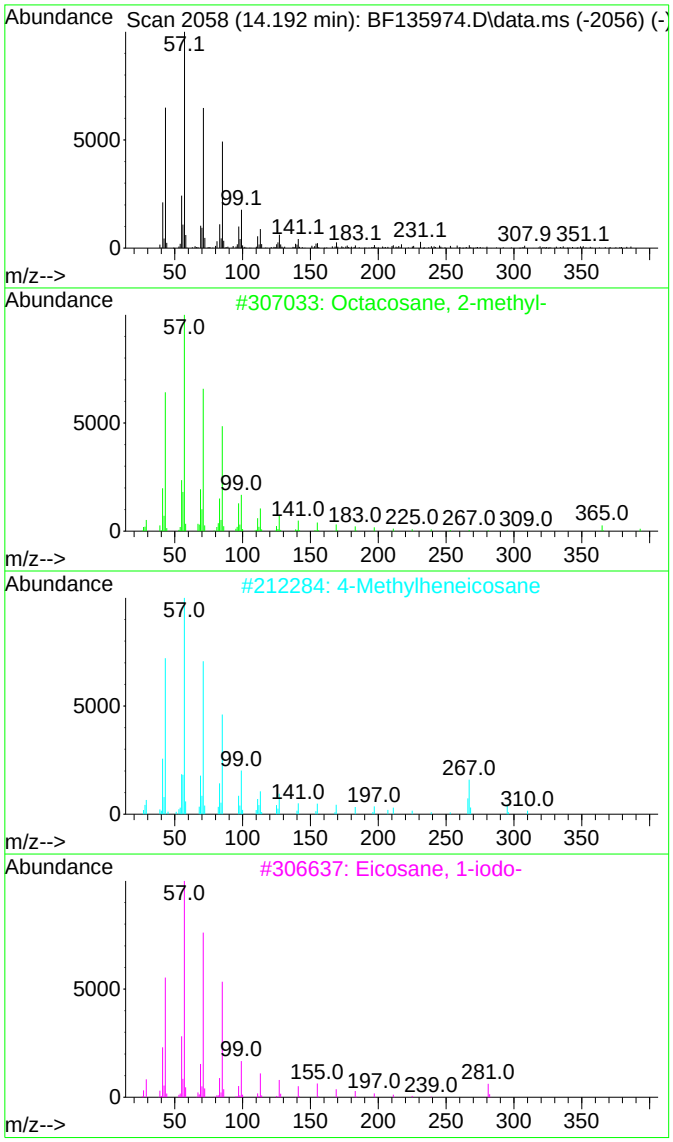
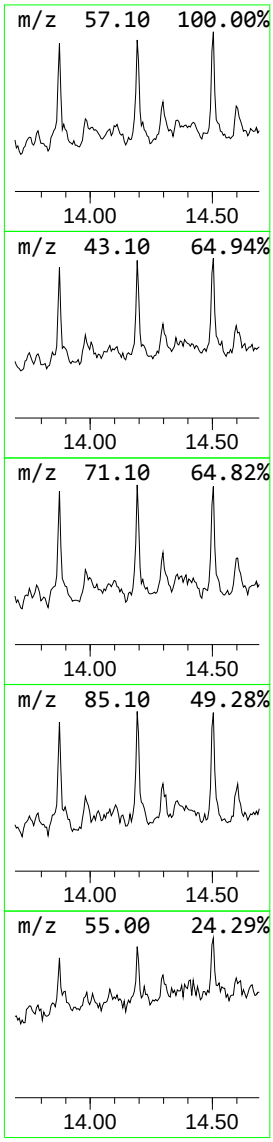
Peak Number 17 Octacosane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	3.72 ng	171840	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
2	4-Methylheneicosane	310	C22H46	025117-29-7	87
3	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	83
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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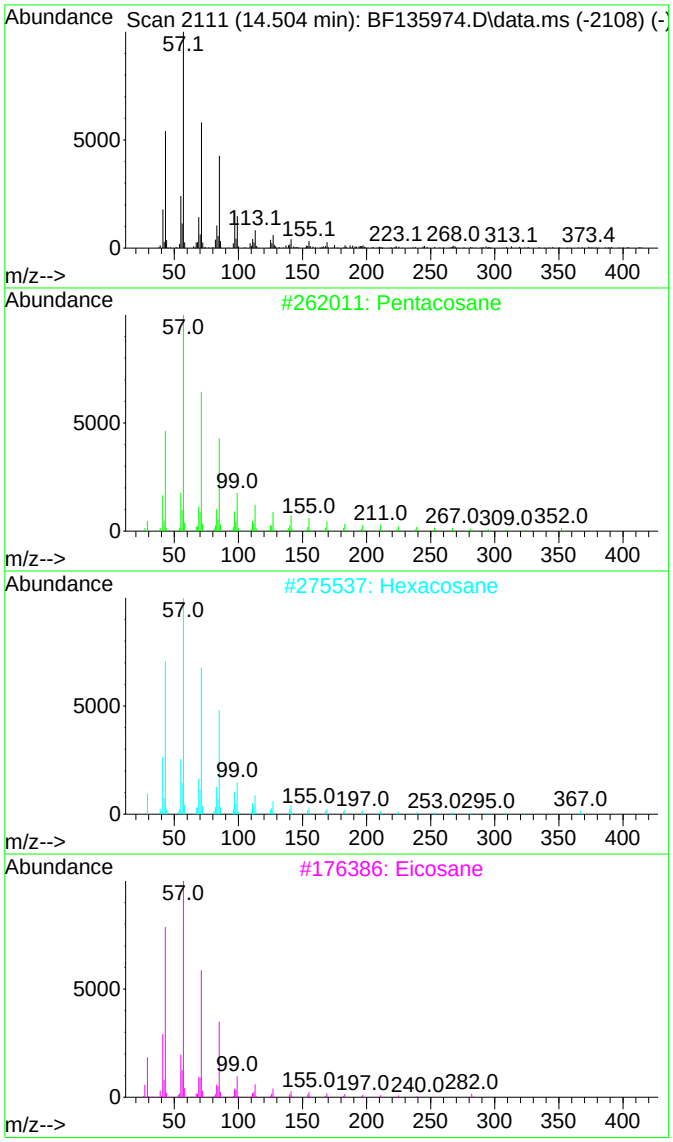
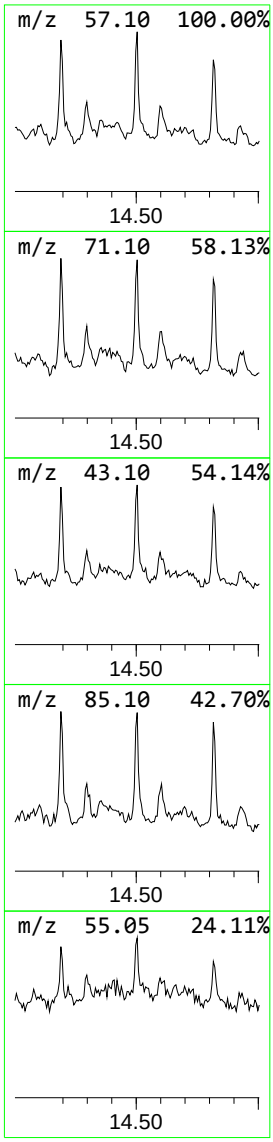
Peak Number 18 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	4.77 ng	220458	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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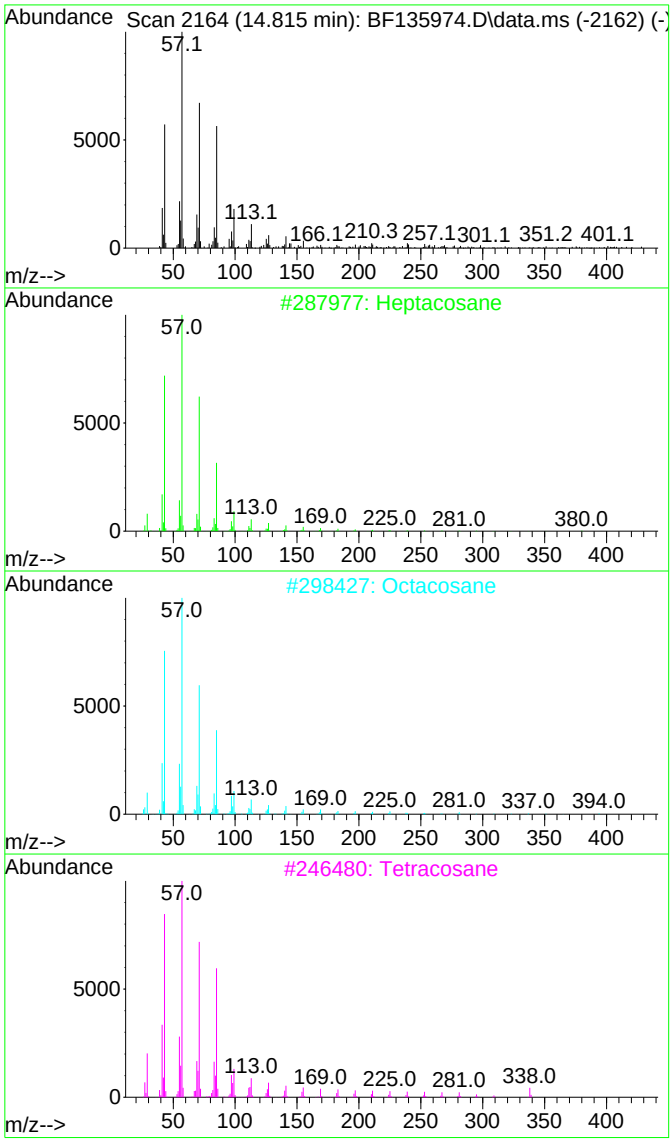
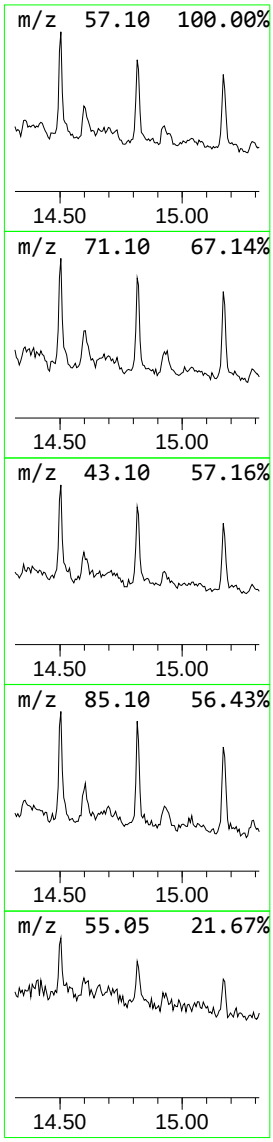
Peak Number 19 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	8.04 ng	239888	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Octacosane	394	C28H58	000630-02-4	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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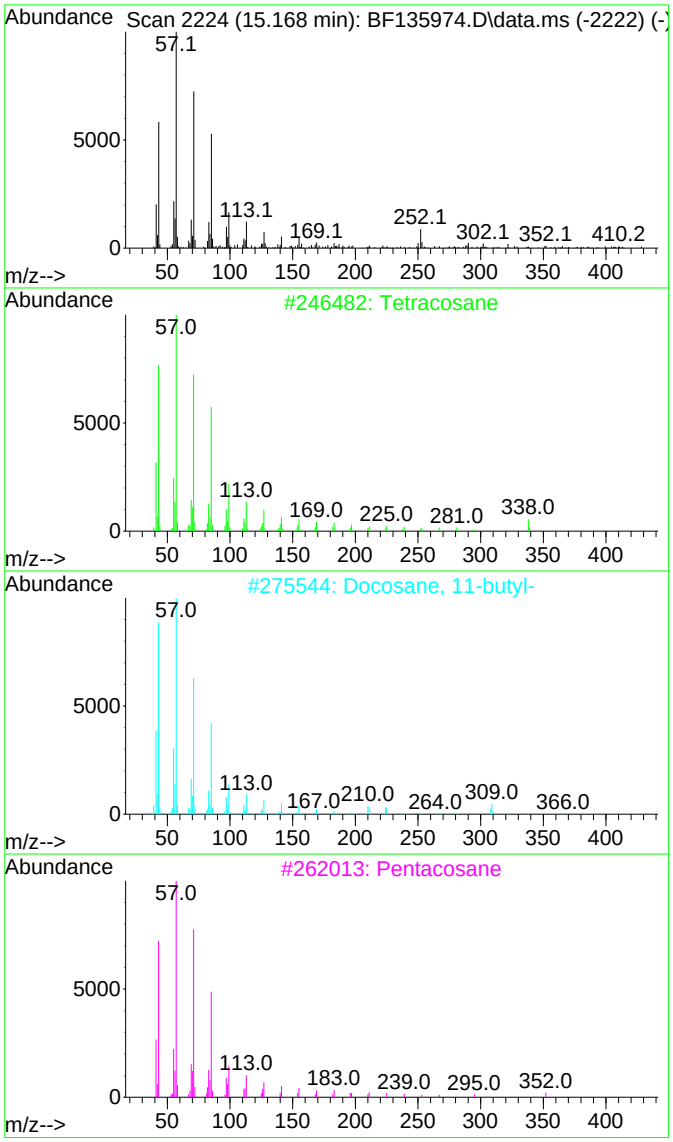
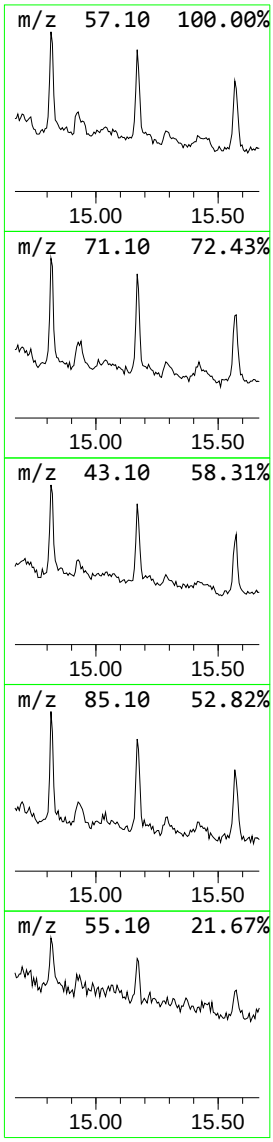
Peak Number 20 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	6.12 ng	182628	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Pentacosane	352	C25H52	000629-99-2	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	2-Methylpentacosane	366	C26H54	000629-87-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
Data File : BF135974.D
Acq On : 26 Oct 2023 20:56
Operator : CG\JU
Sample : 05039-02 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMFB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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-...	5.040	4.5	ng	227206	1	6.828	997612	20.0
Tridecane	8.698	2.6	ng	184213	2	8.104	1406880	20.0
Tridecane, 6-me...	9.269	3.8	ng	229531	3	9.863	1220980	20.0
Eicosane	9.586	2.4	ng	143354	3	9.863	1220980	20.0
Hexadecane	9.798	3.7	ng	225725	3	9.863	1220980	20.0
Pentadecane, 7-...	10.304	3.7	ng	223571	3	9.863	1220980	20.0
Undecane, 2,5-d...	10.522	2.7	ng	164848	3	9.863	1220980	20.0
Heptadecane	10.775	7.6	ng	375174	4	11.351	987033	20.0
Nonadecane	11.227	4.4	ng	218315	4	11.351	987033	20.0
Tetradecane, 1-...	11.257	2.3	ng	111044	4	11.351	987033	20.0
Tetradecane	11.657	3.9	ng	190665	4	11.351	987033	20.0
Heptacosane	12.069	3.4	ng	168695	4	11.351	987033	20.0
9,12-Octadecadi...	12.451	11.9	ng	587560	4	11.351	987033	20.0
Tridecane, 1-iodo-	13.198	4.1	ng	188911	5	14.004	924187	20.0
Docosane	13.545	4.9	ng	225032	5	14.004	924187	20.0
Hexacosane	13.874	4.9	ng	226455	5	14.004	924187	20.0
Octacosane, 2-m...	14.192	3.7	ng	171840	5	14.004	924187	20.0
Pentacosane	14.504	4.8	ng	220458	5	14.004	924187	20.0
Octacosane	14.816	8.0	ng	239888	6	15.492	596738	20.0
Tetracosane	15.168	6.1	ng	182628	6	15.492	596738	20.0