LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141979.D
Acq On : 17 Mar 2025 14:00
Operator : RC/JU
Sample : Q1581-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-031425

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	22	rVB	273005	359968	38.38%	3.450%
2	5.492	571	578	597	rBV	433171	598507	63.81%	5.735%
3	6.498	743	749	758	rBV	386609	522530	55.71%	5.007%
4	6.710	780	785	798	rVB2	22810	38150	4.07%	0.366%
5	6.881	809	814	820	rBV	500517	615701	65.65%	5.900%
6	6.939	820	824	829	rVB2	12163	17084	1.82%	0.164%
7	7.063	841	845	850	rVB	19970	25216	2.69%	0.242%
8	7.151	850	860	864	rBV4	15391	29311	3.13%	0.281%
9	7.198	864	868	875	rVB2	16174	26168	2.79%	0.251%
10	7.275	875	881	885	rBV4	13402	21333	2.27%	0.204%
11	7.433	899	908	913	rBV	251433	366501	39.08%	3.512%
12	7.522	918	923	927	rVV4	16477	27829	2.97%	0.267%
13	7.686	947	951	960	rVB3	22607	39430	4.20%	0.378%
14	7.780	960	967	969	rBV4	12422	26086	2.78%	0.250%
15	7.898	980	987	990	rBV2	22503	41673	4.44%	0.399%
16	8.116	1018	1024	1025	rBV4	9254	14409	1.54%	0.138%
17	8.163	1025	1032	1038	rVV	521424	728367	77.66%	6.980%
18	8.251	1044	1047	1053	rVB6	9847	13704	1.46%	0.131%
19	8.357	1063	1065	1070	rVB2	13044	15685	1.67%	0.150%
20	8.451	1076	1081	1085	rVB3	21789	33666	3.59%	0.323%
21	8.545	1093	1097	1100	rBV2	12114	14216	1.52%	0.136%
22	8.663	1113	1117	1121	rBV2	39031	49013	5.23%	0.470%
23	8.751	1128	1132	1136	rBV4	24341	32870	3.50%	0.315%
24	8.822	1141	1144	1150	rVB3	12182	22435	2.39%	0.215%
25	8.980	1166	1171	1179	rBV4	30579	49148	5.24%	0.471%
26	9.104	1189	1192	1198	rVB5	13958	23230	2.48%	0.223%
27	9.175	1201	1204	1209	rVV4	19202	30436	3.25%	0.292%
28	9.233	1209	1214	1219	rVV	497995	625533	66.70%	5.994%
29	9.310	1223	1227	1233	rBV4	29049	45489	4.85%	0.436%
30	9.380	1236	1239	1243	rVV	12352	15389	1.64%	0.147%
31	9.569	1265	1271	1273	rBV4	18176	34563	3.69%	0.331%
32	9.633	1278	1282	1285	rVV3	28555	45673	4.87%	0.438%
33	9.692	1289	1292	1295	rVB3	14146	17249	1.84%	0.165%
34	9.774	1302	1306	1310	rBV	21240	31070	3.31%	0.298%
35	9.839	1314	1317	1322	rVB	22778	31356	3.34%	0.300%
36	9.916	1324	1330	1335	rBV	562730	727649	77.58%	6.973%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141979.D
Acq On : 17 Mar 2025 14:00
Operator : RC/JU
Sample : Q1581-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-031425

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.022	1345	1348	1352	rVB3	10454	13832	1.47%	0.133%
38	10.233	1380	1384	1386	rBV4	13714	19706	2.10%	0.189%
39	10.339	1396	1402	1406	rBV2	24246	39726	4.24%	0.381%
40	10.621	1446	1450	1457	rVB	38904	54422	5.80%	0.522%
41	10.698	1458	1463	1475	rVV	333823	452666	48.26%	4.338%
42	10.821	1479	1484	1492	rVB2	45713	81641	8.70%	0.782%
43	11.263	1556	1559	1562	rBV	28425	39612	4.22%	0.380%
44	11.292	1562	1564	1570	rVB	31331	42347	4.52%	0.406%
45	11.398	1577	1582	1593	rBV	621038	925150	98.64%	8.866%
46	11.692	1629	1632	1635	rBV2	28782	32310	3.44%	0.310%
47	11.921	1666	1671	1678	rBV2	261663	386481	41.21%	3.704%
48	12.098	1698	1701	1704	rBV2	40207	44975	4.80%	0.431%
49	12.451	1758	1761	1763	rBV	59174	73380	7.82%	0.703%
50	12.486	1764	1767	1773	rVB3	92016	151043	16.10%	1.447%
51	12.615	1785	1789	1794	rBV	149131	221960	23.67%	2.127%
52	12.710	1802	1805	1809	rBV2	58645	82448	8.79%	0.790%
53	12.845	1824	1828	1834	rBV2	182818	314853	33.57%	3.017%
54	12.980	1847	1851	1859	rVB	677343	902225	96.20%	8.646%
55	14.039	2027	2031	2039	rBV2	618165	937887	100.00%	8.988%
56	15.521	2280	2283	2286	rBV	222314	262061	27.94%	2.511%

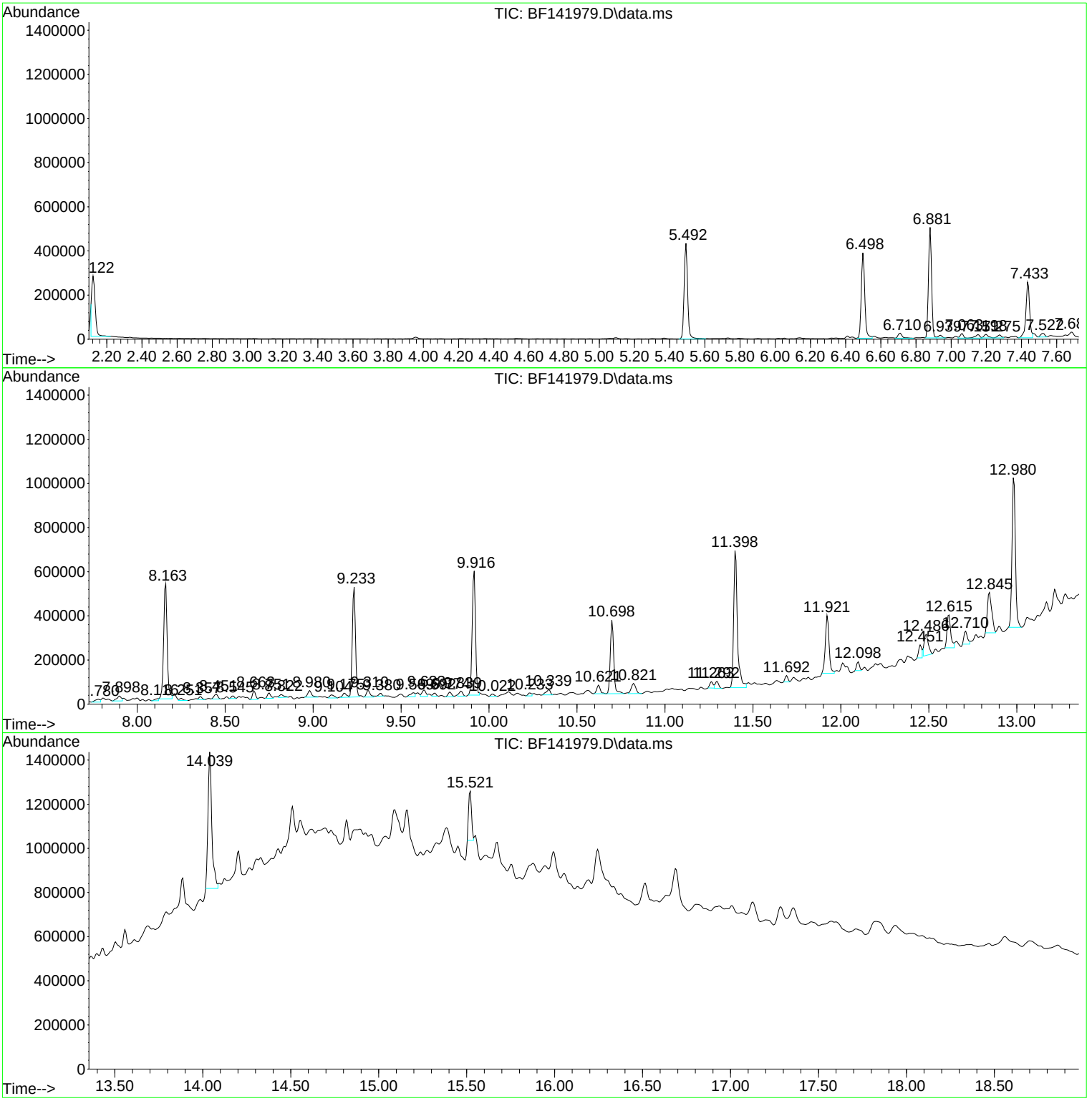
Sum of corrected areas: 10435362

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141979.D
Acq On : 17 Mar 2025 14:00
Operator : RC/JU
Sample : Q1581-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-031425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF031725\
Data File : BF141979.D
Acq On : 17 Mar 2025 14:00
Operator : RC/JU
Sample : Q1581-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-031425

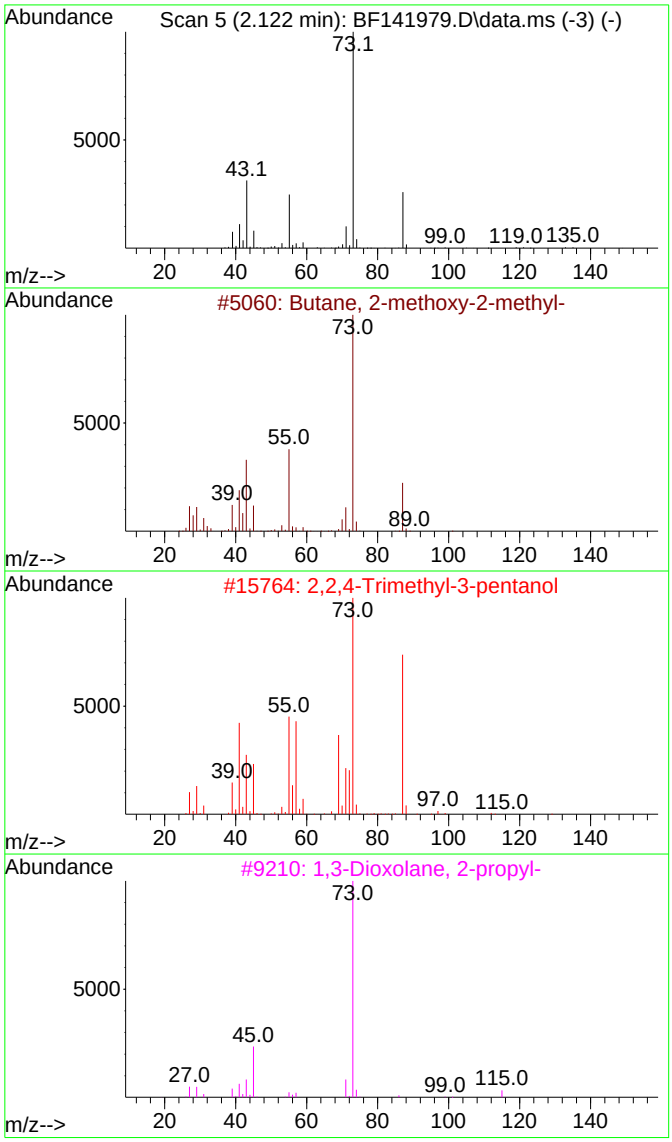
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

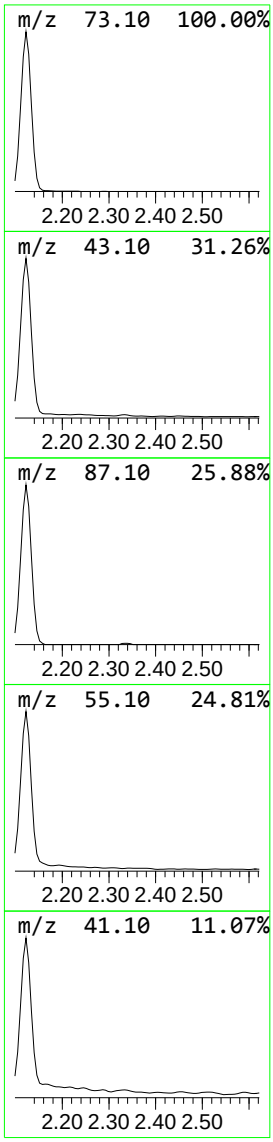
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	11.69 ng	359968	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141979.D
Acq On : 17 Mar 2025 14:00
Operator : RC/JU
Sample : Q1581-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-031425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

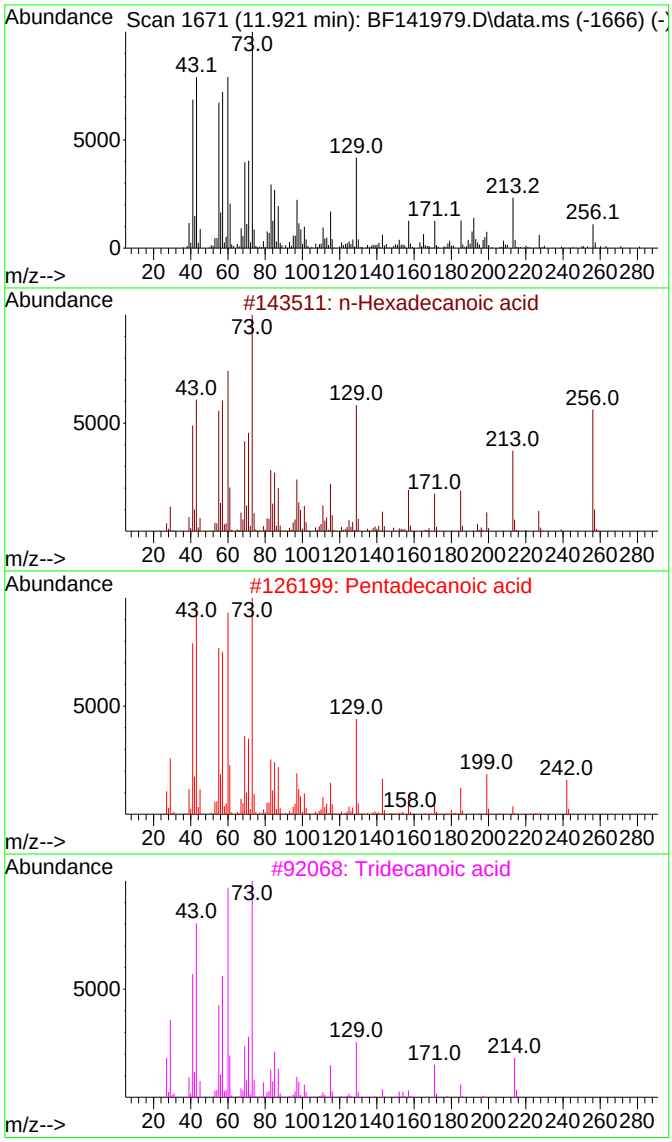
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

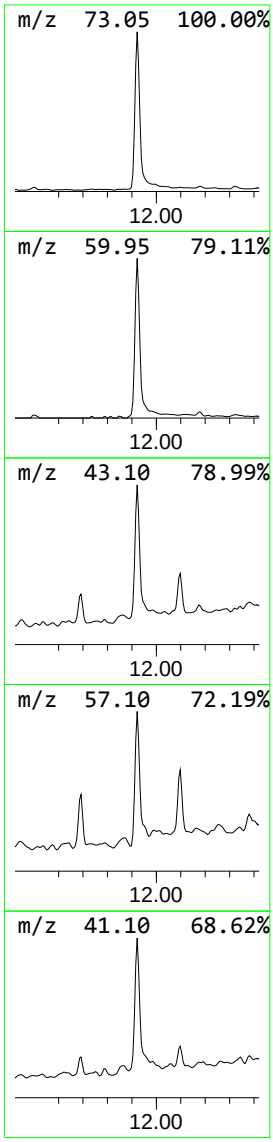
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	8.35 ng	386481	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	68
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141979.D
Acq On : 17 Mar 2025 14:00
Operator : RC/JU
Sample : Q1581-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-031425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

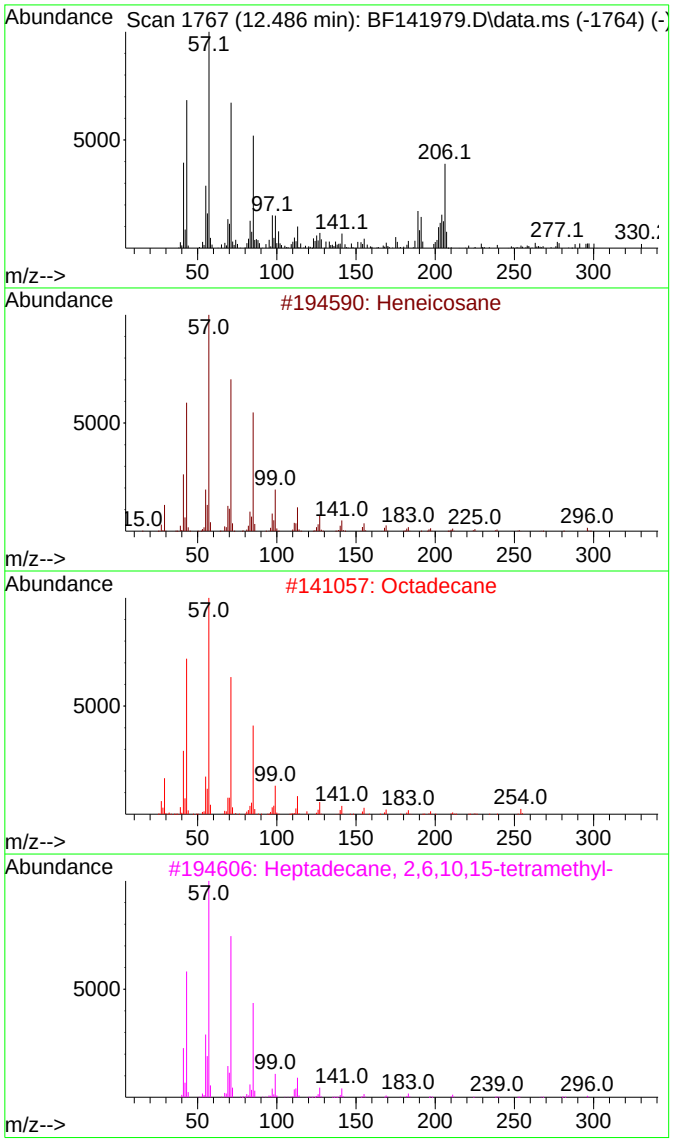
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

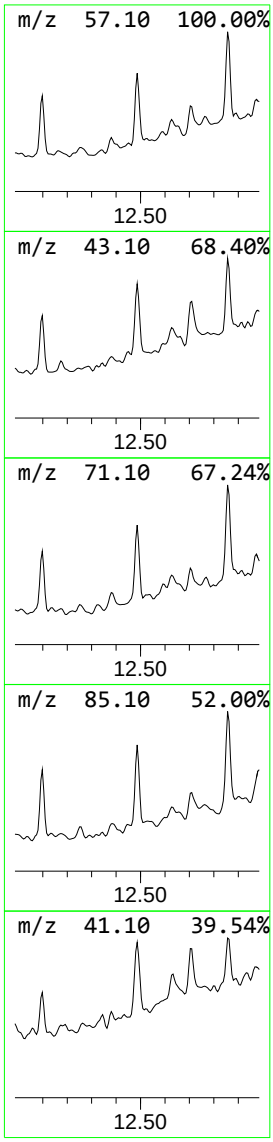
****

Peak Number 3 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	3.27 ng	151043	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octadecane	254	C18H38	000593-45-3	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	47
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	46
5	Nonadecane	268	C19H40	000629-92-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141979.D
Acq On : 17 Mar 2025 14:00
Operator : RC/JU
Sample : Q1581-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-031425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.122	11.7	ng	359968	1	6.881	615701	20.0
n-Hexadecanoic ...	11.921	8.3	ng	386481	4	11.398	925150	20.0
Heneicosane	12.486	3.3	ng	151043	4	11.398	925150	20.0