LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.304	543	547	567	rBV	2236425	2307912	48.22%	1.985%
2	6.339	719	723	735	rBV	2213908	2263973	47.30%	1.947%
3	6.534	752	756	762	rBV	183649	185783	3.88%	0.160%
4	6.692	779	783	786	rBV	844152	845168	17.66%	0.727%
5	6.975	826	831	834	rVV2	192586	229729	4.80%	0.198%
6	7.039	839	842	847	rBV	280343	319018	6.67%	0.274%
7	7.086	847	850	853	rVV	387226	347119	7.25%	0.299%
8	7.263	876	880	883	rBV	1583296	1310003	27.37%	1.127%
9	7.298	883	886	889	rVB	1277218	1059211	22.13%	0.911%
10	7.345	889	894	897	rVB5	275764	455916	9.53%	0.392%
11	7.410	897	905	909	rBV2	352862	771922	16.13%	0.664%
12	7.451	909	912	915	rVB2	168032	203638	4.25%	0.175%
13	7.486	915	918	919	rBV	374974	392977	8.21%	0.338%
14	7.504	919	921	924	rVB	635758	500459	10.46%	0.430%
15	7.616	931	940	945	rBV6	500583	1083251	22.63%	0.932%
16	7.669	945	949	952	rBV2	688602	874310	18.27%	0.752%
17	7.704	952	955	957	rVB	583461	507285	10.60%	0.436%
18	7.739	957	961	964	rBV	848398	852479	17.81%	0.733%
19	7.781	964	968	970	rBV	656226	615670	12.86%	0.530%
20	7.804	970	972	976	rVB3	310666	379457	7.93%	0.326%
21	7.851	976	980	981	rBV3	218299	227029	4.74%	0.195%
22	7.886	984	986	988	rBV	344979	258128	5.39%	0.222%
23	7.975	996	1001	1005	rVB2	3010067	3608931	75.40%	3.104%
24	8.010	1005	1007	1009	rBV2	204969	211311	4.41%	0.182%
25	8.051	1009	1014	1016	rVB	1661375	1813649	37.89%	1.560%
26	8.075	1016	1018	1021	rBV2	516518	537696	11.23%	0.462%
27	8.104	1021	1023	1025	rVB3	391491	312584	6.53%	0.269%
28	8.151	1025	1031	1034	rBV4	531229	958403	20.02%	0.824%
29	8.186	1034	1037	1040	rVB2	464659	388612	8.12%	0.334%
30	8.222	1040	1043	1045	rVB3	185291	199910	4.18%	0.172%
31	8.275	1047	1052	1055	rBV4	1149169	1860037	38.86%	1.600%
32	8.333	1059	1062	1064	rBV2	950218	828703	17.31%	0.713%
33	8.363	1064	1067	1070	rVB	1130186	1075126	22.46%	0.925%
34	8.410	1070	1075	1080	rBV	2162052	2748527	57.43%	2.364%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.492	1087	1089	1091	rVB3	250761	177328	3.70%	0.153%
36	8.522	1091	1094	1096	rBV3	457213	516168	10.78%	0.444%
37	8.586	1100	1105	1107	rBV	3272745	3881262	81.09%	3.338%
38	8.675	1116	1120	1123	rVB3	1203464	1575619	32.92%	1.355%
39	8.704	1123	1125	1127	rBV3	304738	261168	5.46%	0.225%
40	8.739	1129	1131	1133	rBV3	254794	240963	5.03%	0.207%
41	8.804	1141	1142	1145	rVB3	310754	214551	4.48%	0.185%
42	8.863	1149	1152	1154	rBV2	1022341	1014993	21.21%	0.873%
43	8.910	1159	1160	1162	rVB	504469	266824	5.57%	0.229%
44	8.945	1164	1166	1169	rVB	1179585	919802	19.22%	0.791%
45	8.986	1170	1173	1174	rBV	846606	715120	14.94%	0.615%
46	9.010	1174	1177	1180	rVB2	1772437	1671208	34.92%	1.437%
47	9.057	1182	1185	1189	rVB	2011705	1996287	41.71%	1.717%
48	9.098	1189	1192	1194	rVB3	514788	447891	9.36%	0.385%
49	9.151	1195	1201	1204	rBV	3164524	4786265	100.00%	4.116%
50	9.333	1230	1232	1234	rVB	420995	311663	6.51%	0.268%
51	9.375	1236	1239	1241	rVV3	613049	766782	16.02%	0.659%
52	9.398	1241	1243	1245	rVV3	930593	1075020	22.46%	0.925%
53	9.422	1245	1247	1249	rVV2	1022740	888204	18.56%	0.764%
54	9.469	1249	1255	1257	rVV4	2157798	3694420	77.19%	3.177%
55	9.486	1257	1258	1261	rVV2	1596451	1386406	28.97%	1.192%
56	9.522	1261	1264	1267	rVV3	1254837	1270453	26.54%	1.093%
57	9.551	1267	1269	1275	rVB6	461673	707102	14.77%	0.608%
58	9.645	1282	1285	1287	rBV3	578496	674005	14.08%	0.580%
59	9.680	1287	1291	1294	rVV	2846636	3524113	73.63%	3.031%
60	9.716	1294	1297	1298	rVV2	850311	796129	16.63%	0.685%
61	9.739	1299	1301	1303	rVB	1037044	854590	17.86%	0.735%
62	9.910	1326	1330	1332	rBV3	895104	1395375	29.15%	1.200%
63	9.963	1337	1339	1341	rVB	630202	485114	10.14%	0.417%
64	9.998	1341	1345	1348	rBV3	1505226	1866952	39.01%	1.606%
65	10.180	1372	1376	1378	rBV	2439743	2734255	57.13%	2.352%
66	10.227	1382	1384	1390	rVB2	689519	910349	19.02%	0.783%
67	10.274	1390	1392	1394	rBV3	370588	387354	8.09%	0.333%
68	10.398	1409	1413	1415	rBV	1493321	1664613	34.78%	1.432%
69	10.445	1419	1421	1424	rVB	661117	603166	12.60%	0.519%
70	10.480	1424	1427	1430	rBV2	899967	989119	20.67%	0.851%
71	10.510	1430	1432	1434	rBV	877307	766979	16.02%	0.660%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.657	1452	1457	1464	rVB2	2432529	4437773	92.72%	3.817%
73	10.839	1486	1488	1490	rBV	516057	581304	12.15%	0.500%
74	10.904	1497	1499	1501	rBV	534551	443233	9.26%	0.381%
75	10.933	1502	1504	1506	rVV	435910	332429	6.95%	0.286%
76	11.104	1528	1533	1535	rBV	2250619	2906091	60.72%	2.499%
77	11.127	1535	1537	1543	rVB	1731257	1781366	37.22%	1.532%
78	11.221	1551	1553	1559	rBV3	733001	873596	18.25%	0.751%
79	11.363	1575	1577	1581	rVB2	509665	509899	10.65%	0.439%
80	11.404	1581	1584	1587	rBV	736138	637783	13.33%	0.549%
81	11.433	1587	1589	1593	rBV	405512	424937	8.88%	0.365%
82	11.474	1593	1596	1599	rVB2	526340	532585	11.13%	0.458%
83	11.527	1601	1605	1608	rVV	2296878	2417215	50.50%	2.079%
84	11.680	1629	1631	1637	rVB2	479070	652246	13.63%	0.561%
85	11.774	1645	1647	1651	rVB2	1040549	1052167	21.98%	0.905%
86	11.816	1652	1654	1660	rVV2	412545	625123	13.06%	0.538%
87	11.927	1670	1673	1676	rBV	2186011	2411336	50.38%	2.074%
88	12.080	1696	1699	1704	rVB3	629283	945229	19.75%	0.813%
89	12.204	1718	1720	1723	rBV	496108	427470	8.93%	0.368%
90	12.304	1733	1737	1738	rBV	1788490	1822101	38.07%	1.567%
91	12.321	1738	1740	1749	rVB2	3002236	4754894	99.34%	4.089%
92	12.551	1776	1779	1783	rVB	584233	483450	10.10%	0.416%
93	12.686	1799	1802	1805	rVB	2052708	1799748	37.60%	1.548%
94	12.810	1818	1823	1834	rVB	2375065	3041262	63.54%	2.616%
95	13.039	1858	1862	1867	rBV	1650355	1679748	35.10%	1.445%
96	13.380	1916	1920	1922	rVB	1076152	1038186	21.69%	0.893%
97	13.704	1972	1975	1977	rBV	590424	477760	9.98%	0.411%
98	13.851	1997	2000	2004	rVB	919611	925198	19.33%	0.796%
99	14.015	2026	2028	2032	rVB	285296	273815	5.72%	0.235%
100	15.268	2237	2241	2248	rVB	704712	1013880	21.18%	0.872%

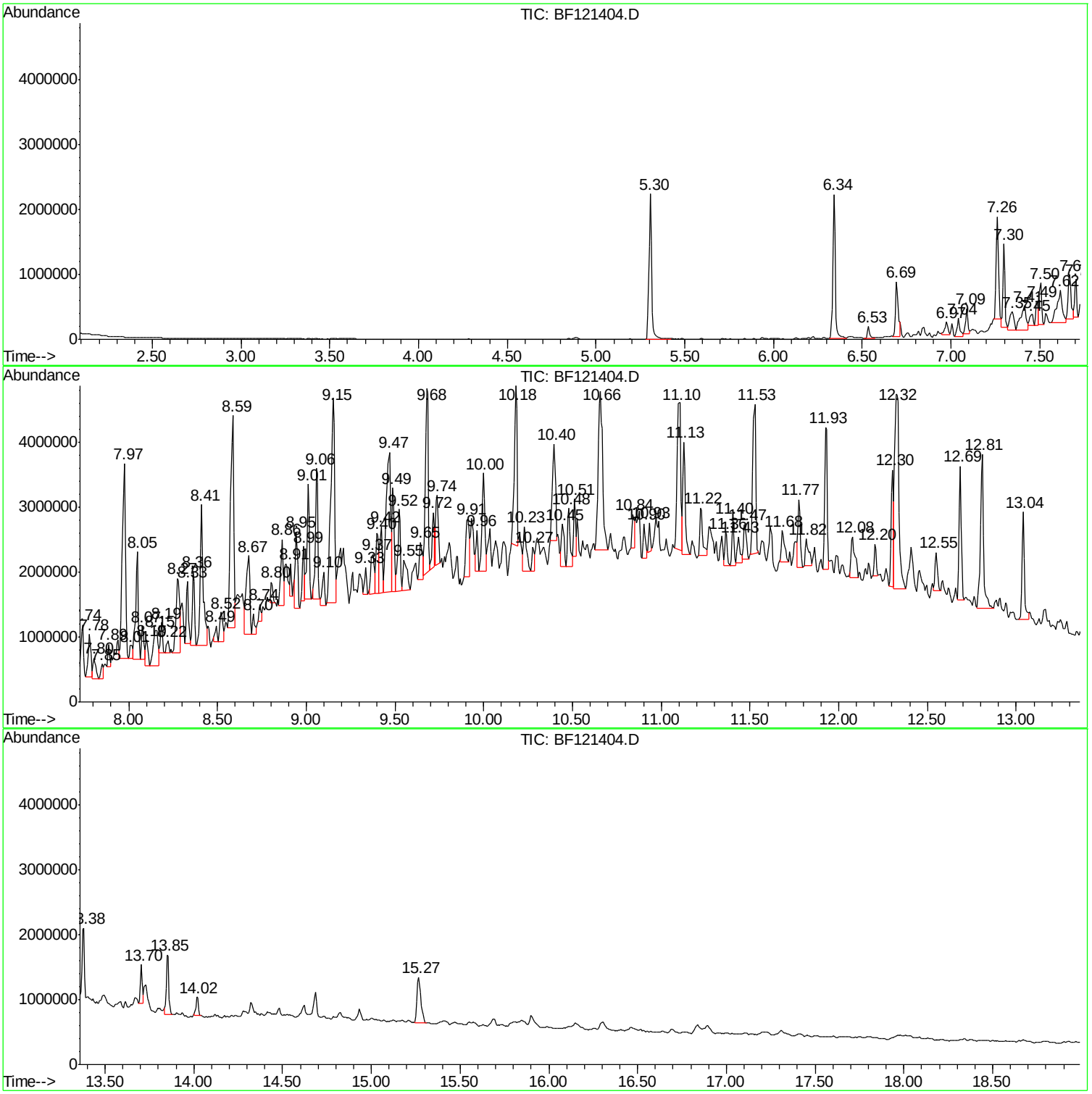
Sum of corrected areas: 116273362

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

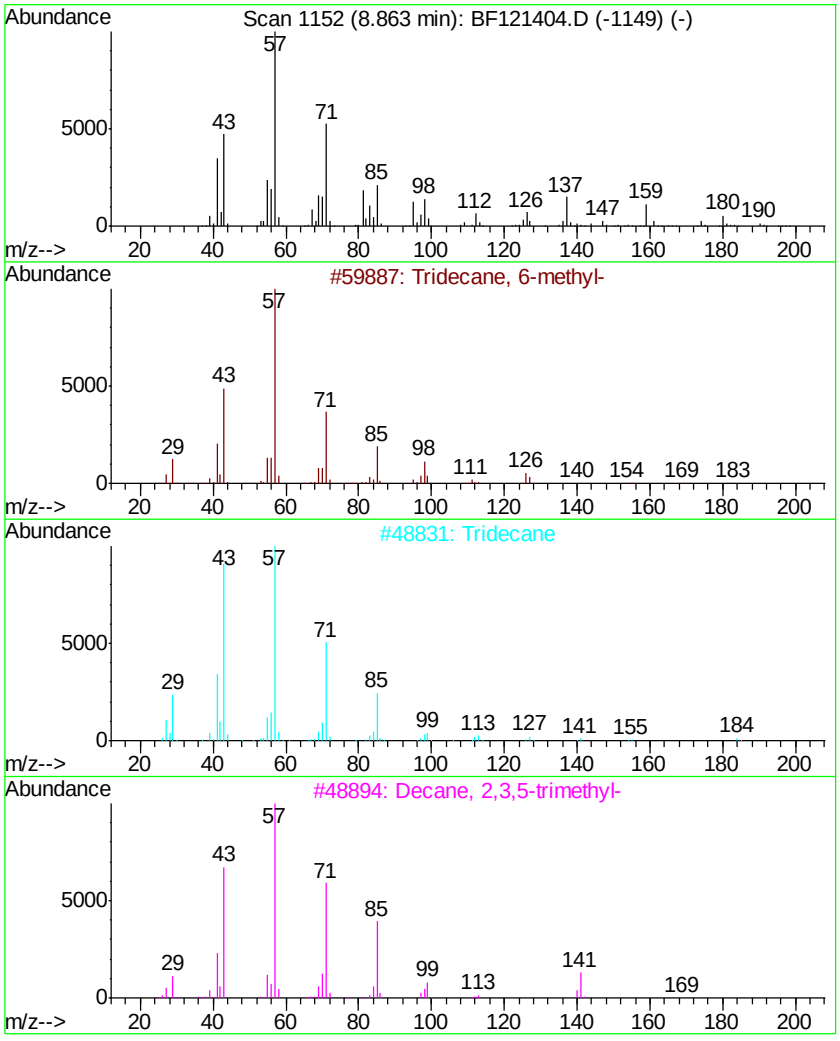
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

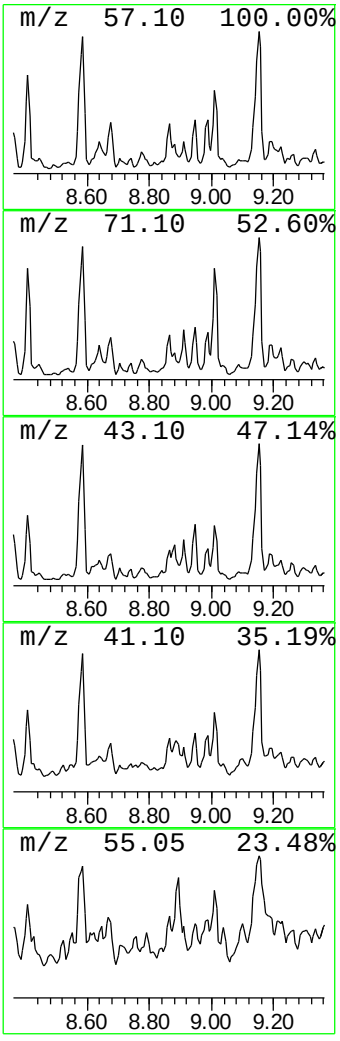
****

Peak Number 1 Tridecane, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	23.75 ng	1014990	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
2	Tridecane	184	C13H28	000629-50-5	47
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
4	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	47
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

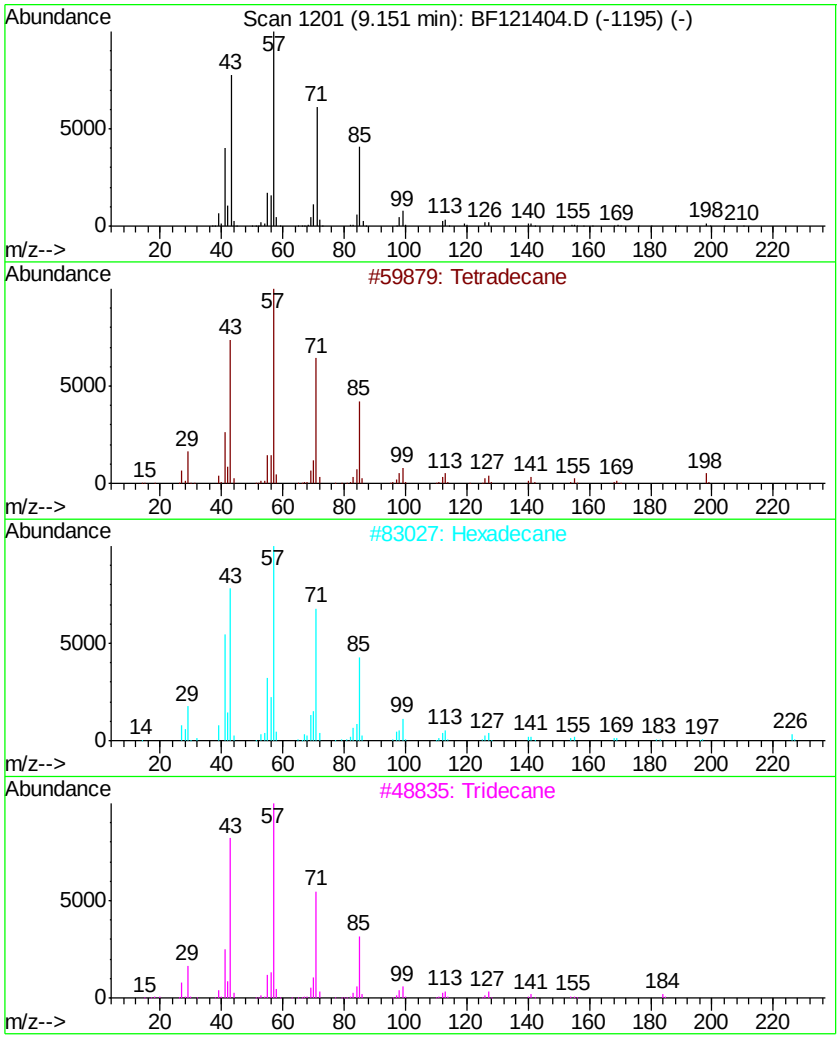
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

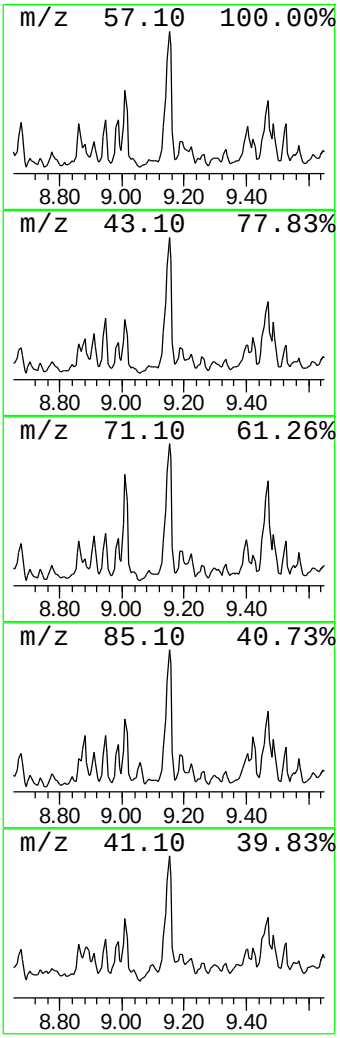
****

Peak Number 2 Tridecane, 7-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	112.01 ng	4786270	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
5	Pentadecane	212	C15H32	000629-62-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

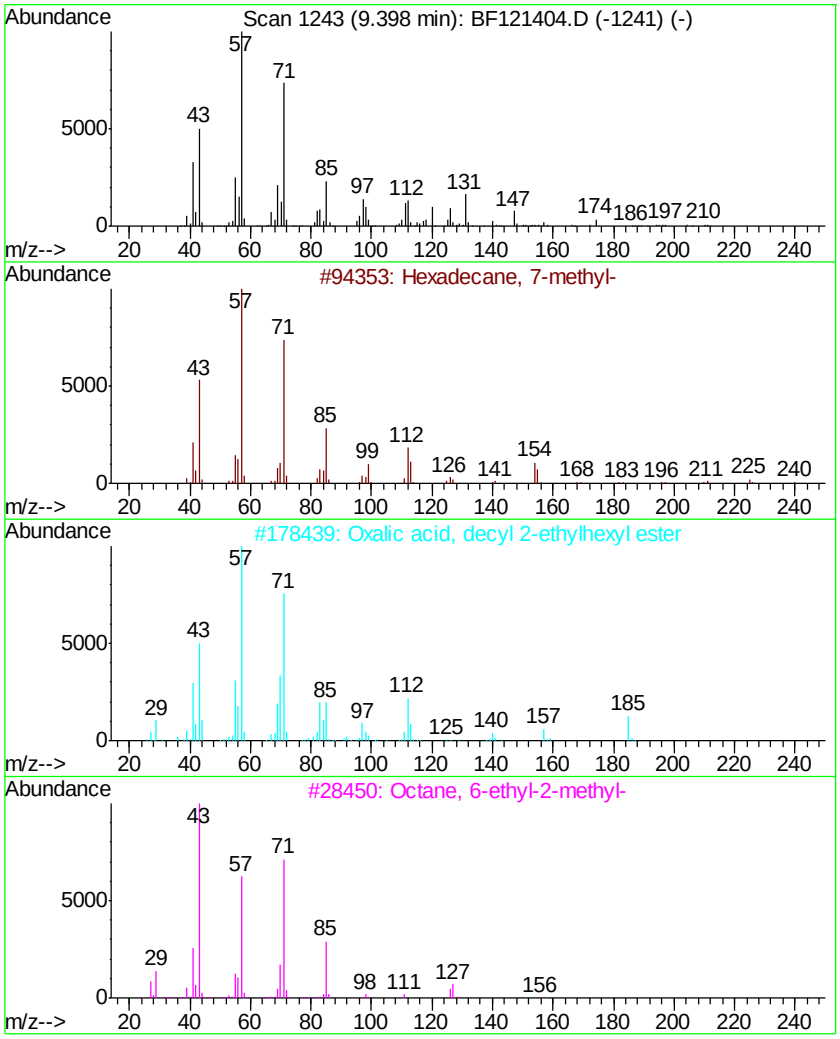
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

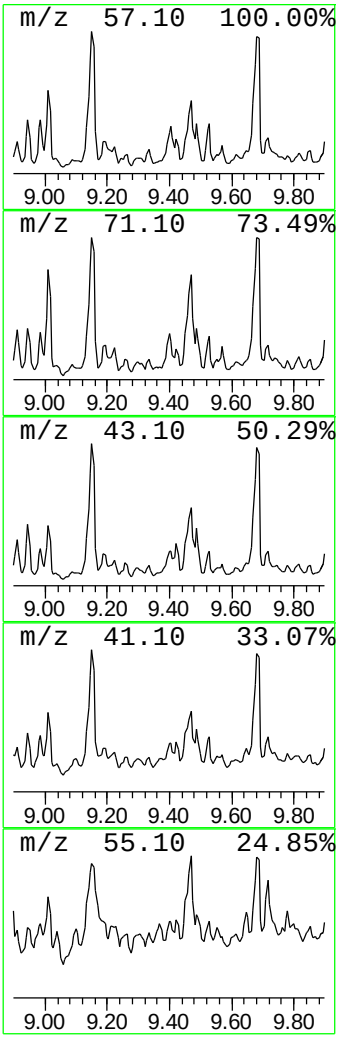
****

Peak Number 3 Hexadecane, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	25.16 ng	1075020	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53
2	Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	50
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	43
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	43
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

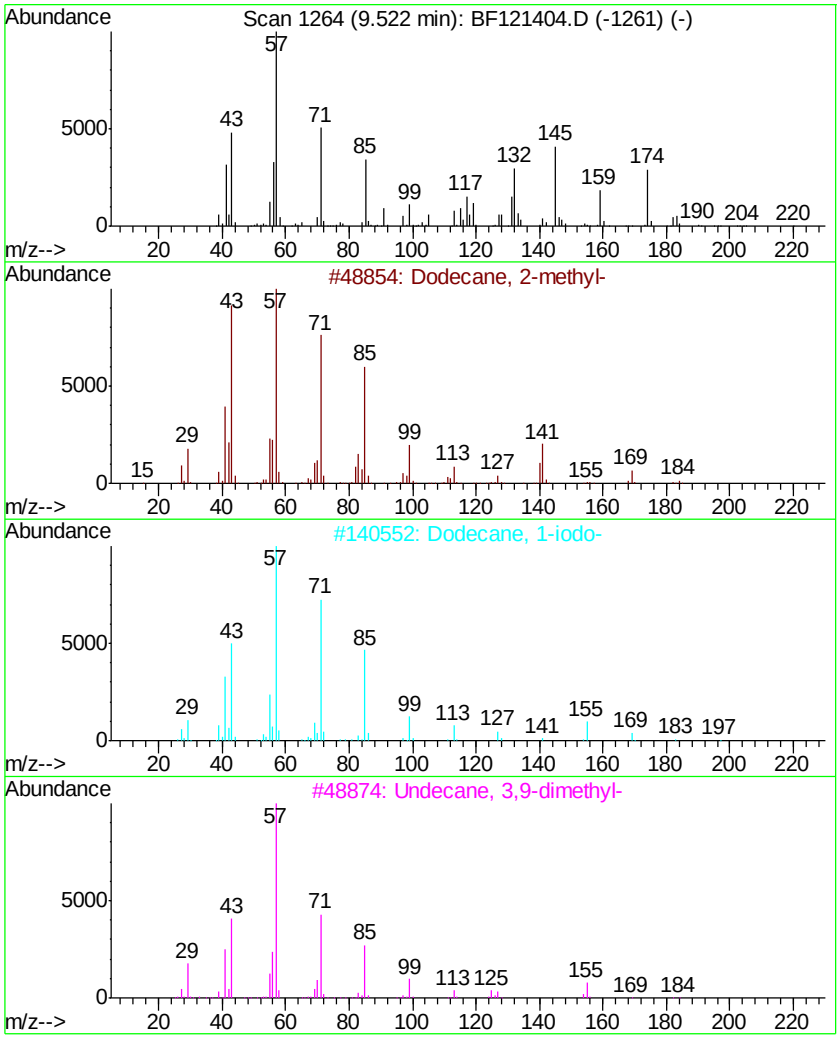
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

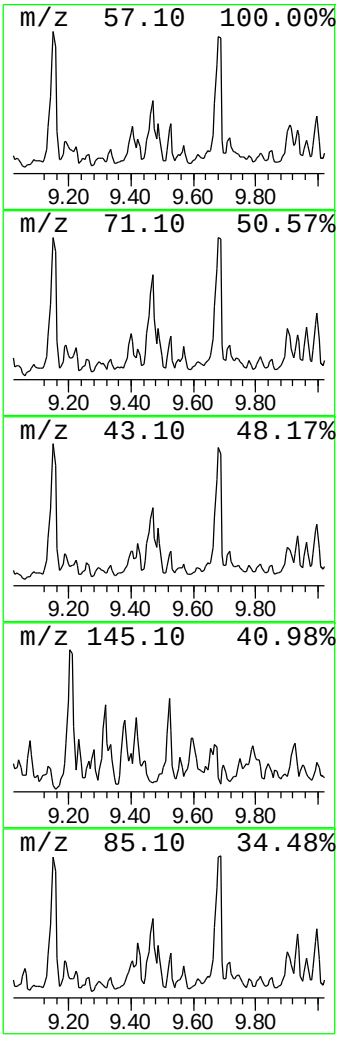
****

Peak Number 4 unknown9.52 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	29.73 ng	1270450	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	25
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	22
4	Heptacosane	380	C27H56	000593-49-7	22
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

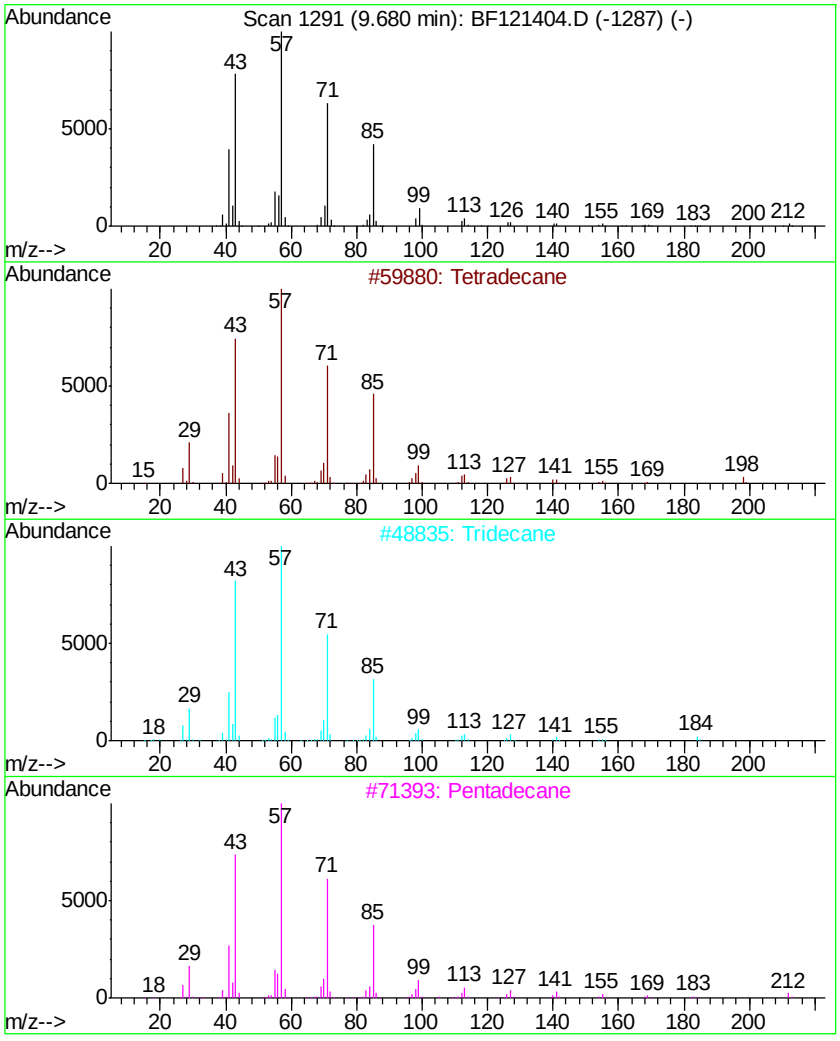
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

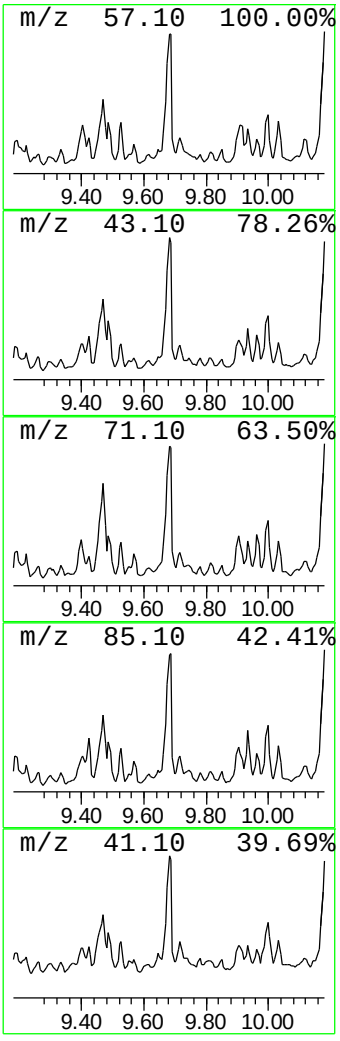
****

Peak Number 5 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	82.47 ng	3524110	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	10-Methylnonadecane	282	C20H42	056862-62-5	83
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

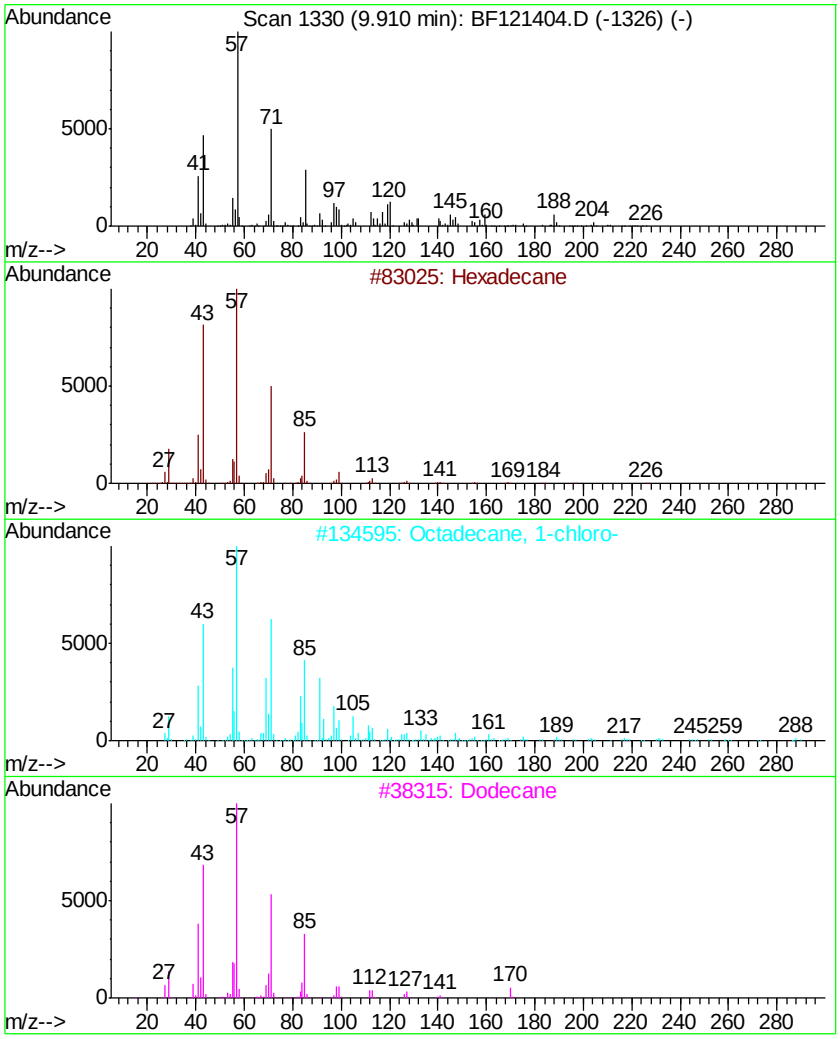
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

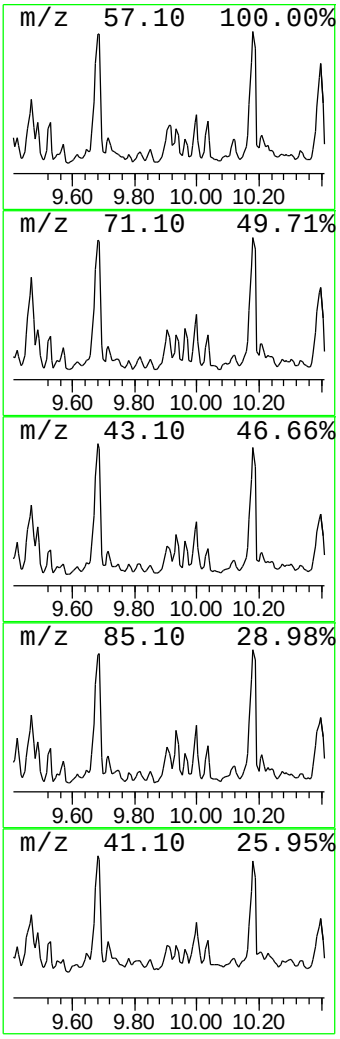
****

Peak Number 6 Octadecane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	32.66 ng	1395380	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
3	Dodecane	170	C12H26	000112-40-3	50
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

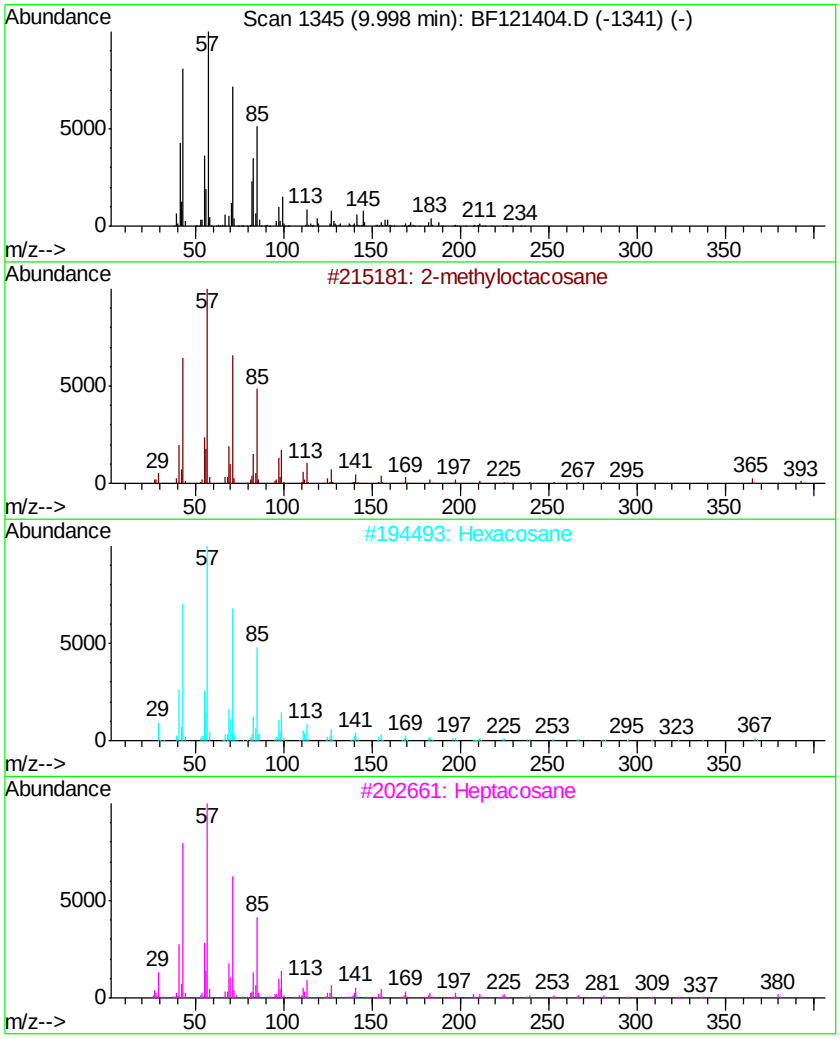
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

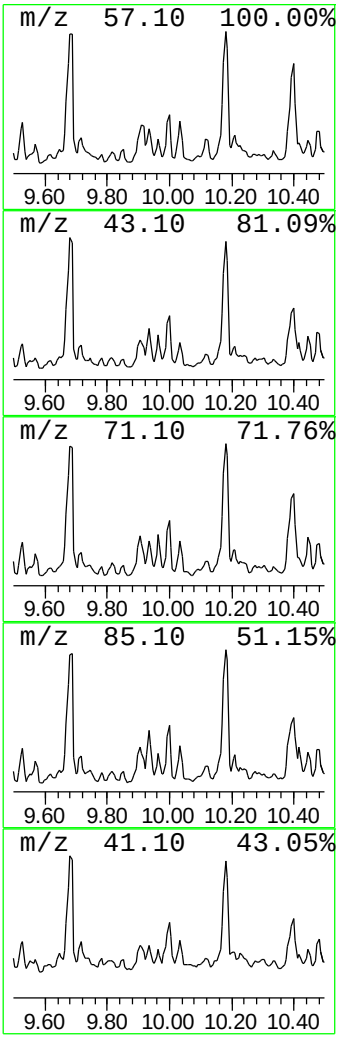
****

Peak Number 7 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	43.69 ng	1866950	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	72
2	Hexacosane	366	C26H54	000630-01-3	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	70
5	Octacosane	394	C28H58	000630-02-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

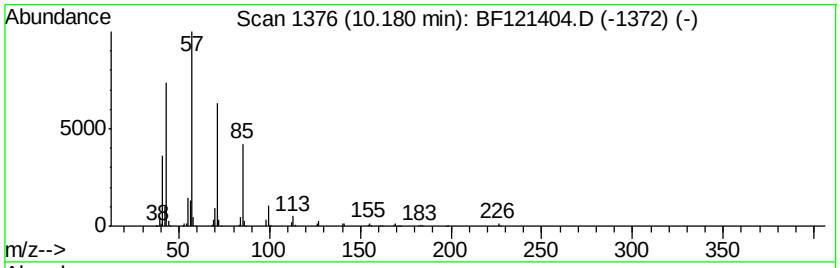
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

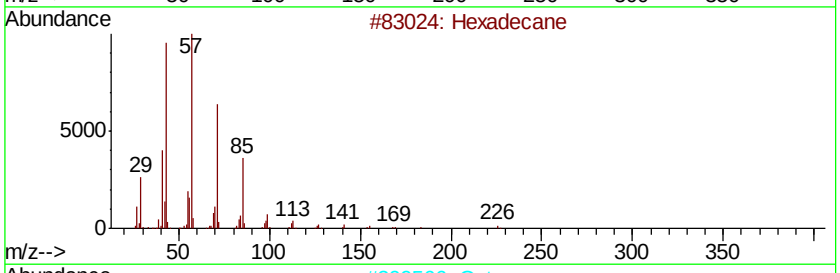
****

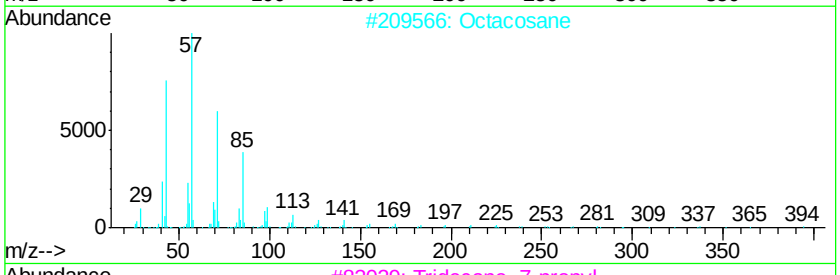
Peak Number 8 Hexadecane Concentration Rank 6

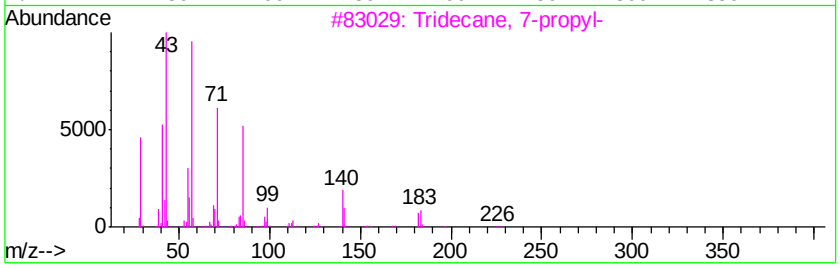
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	63.99 ng	2734260	Acenaphthene-d10	9.74

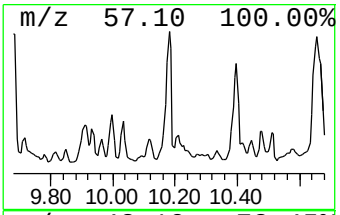
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	80

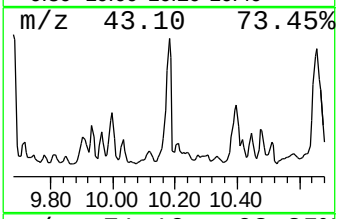


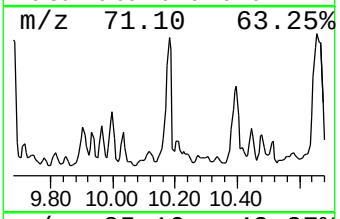


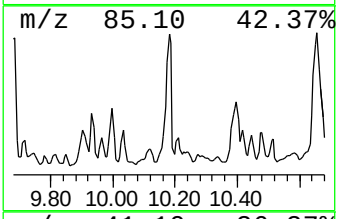


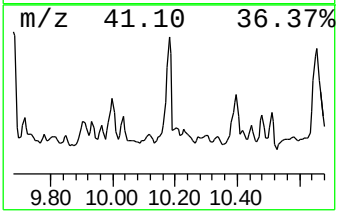












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

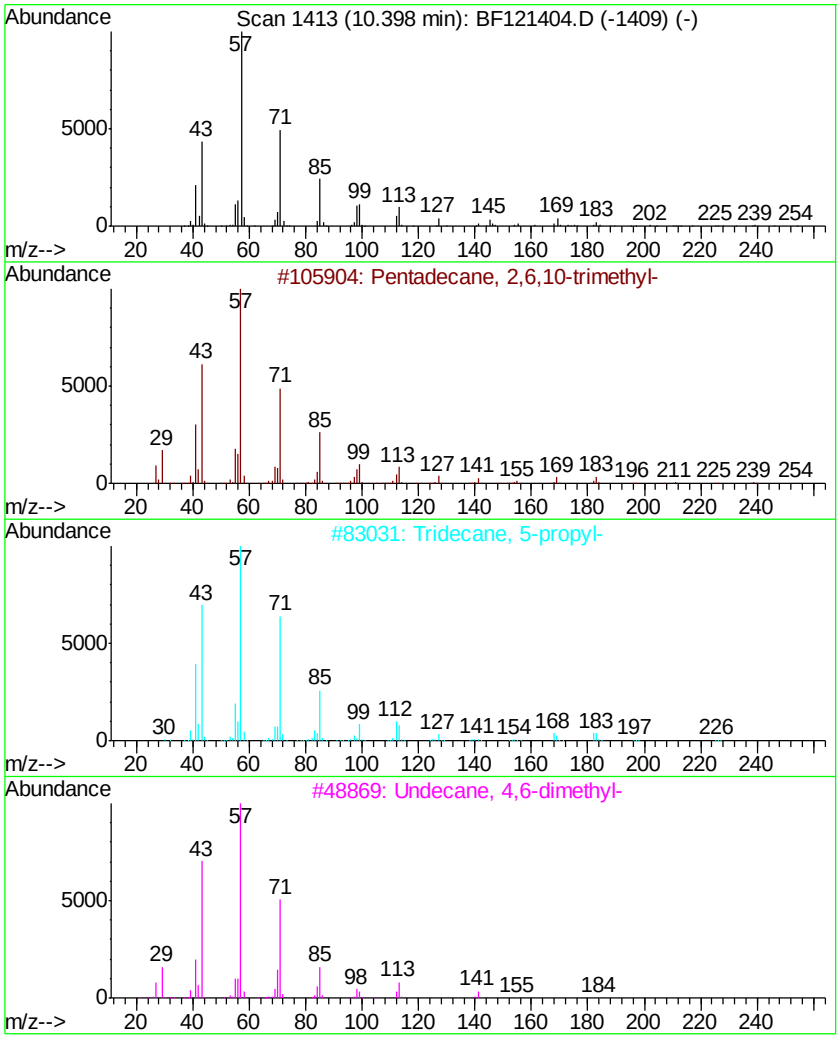
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

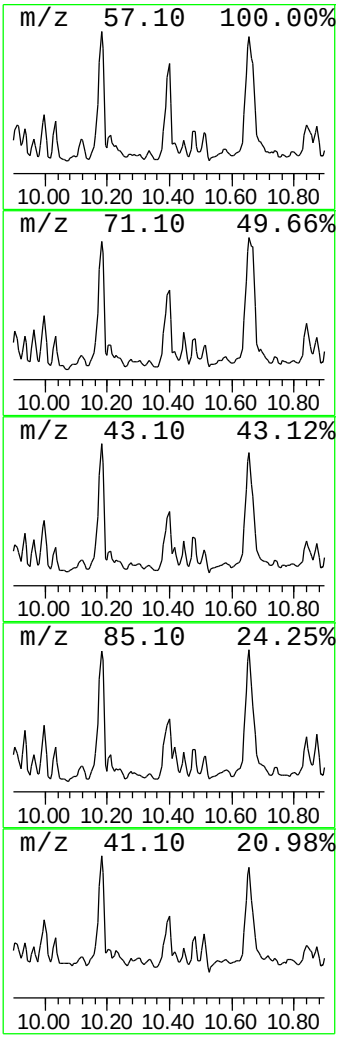
****

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	38.96 ng	1664610	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	68
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

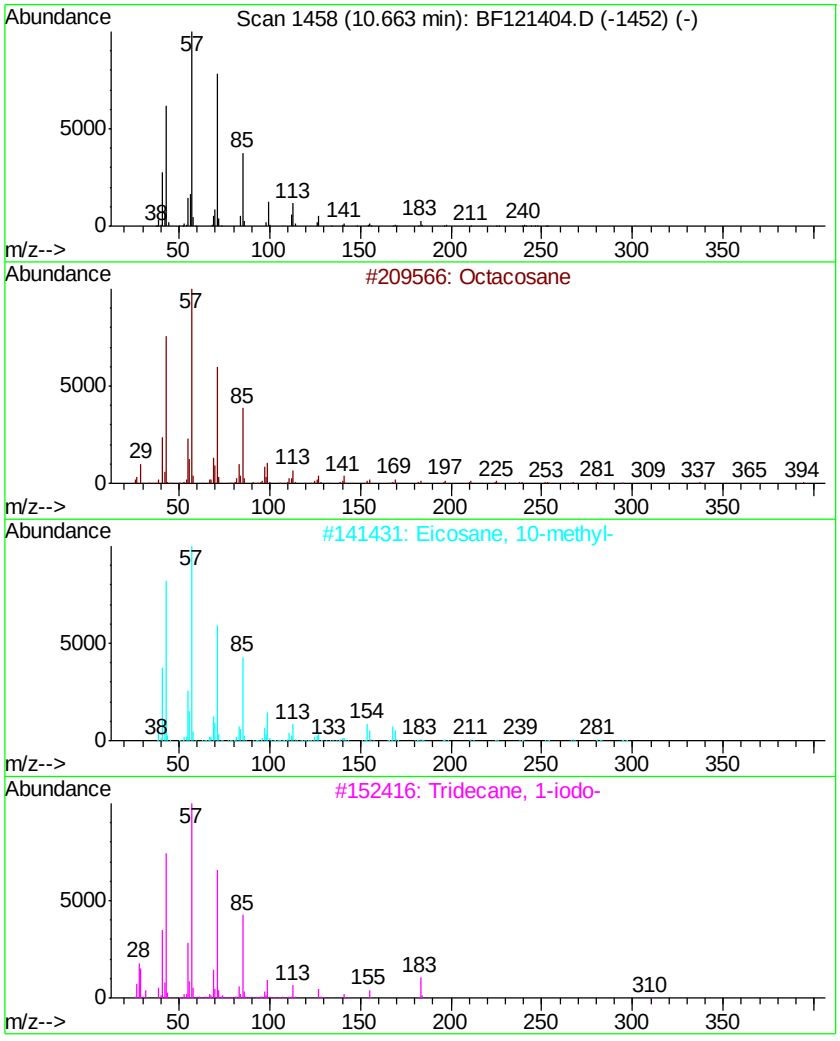
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

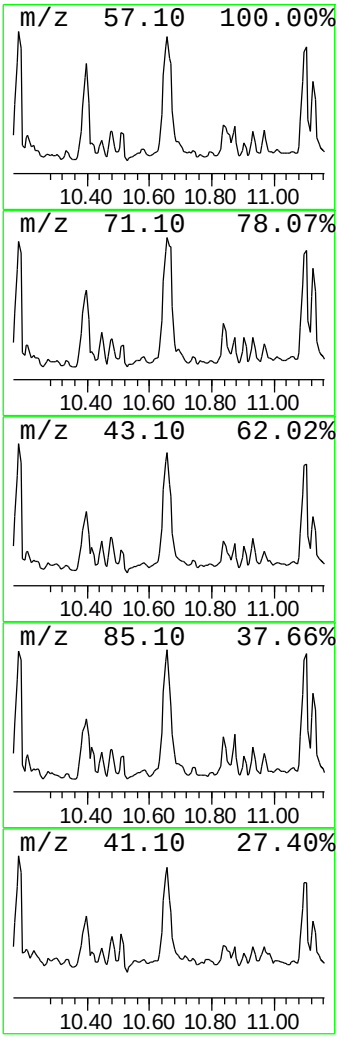
****

Peak Number 10 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	101.60 ng	4437770	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

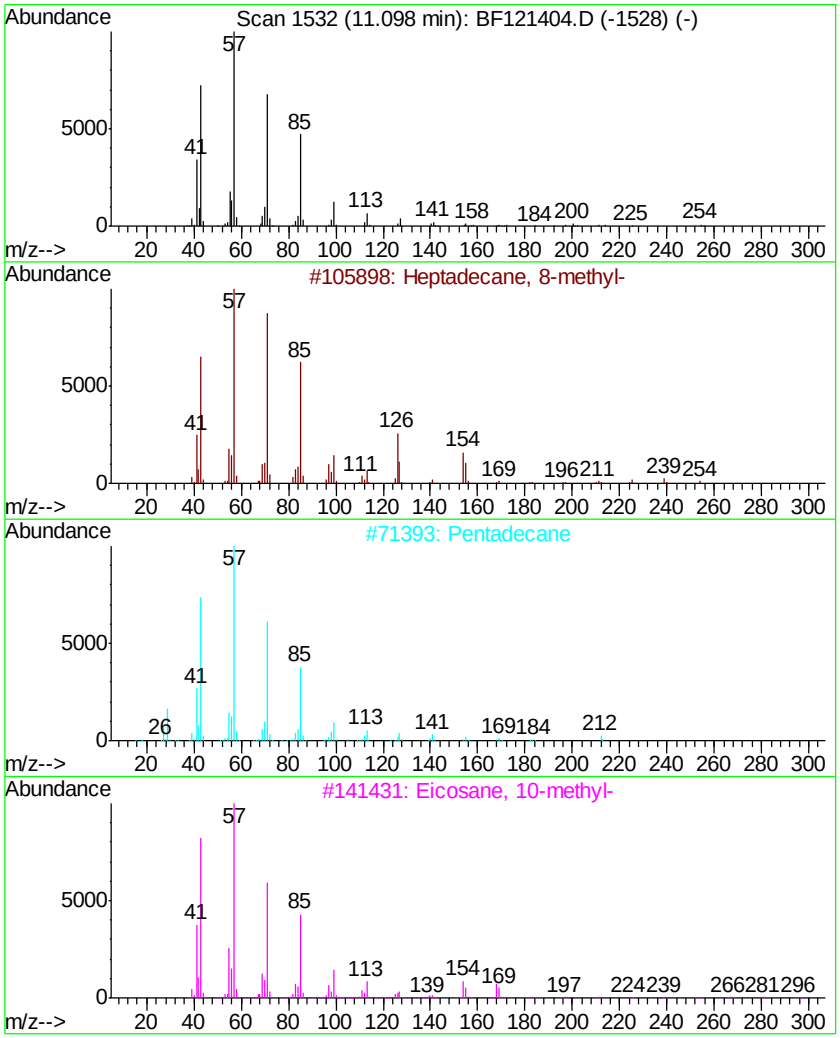
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

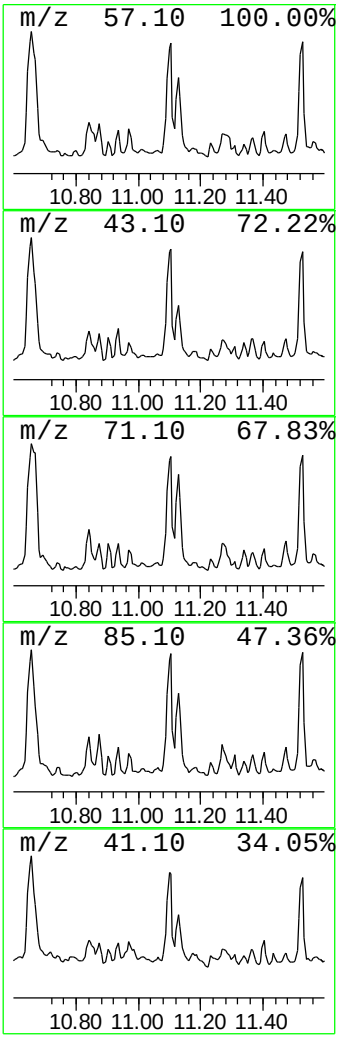
****

Peak Number 11 Heptadecane, 8-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	66.53 ng	2906090	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

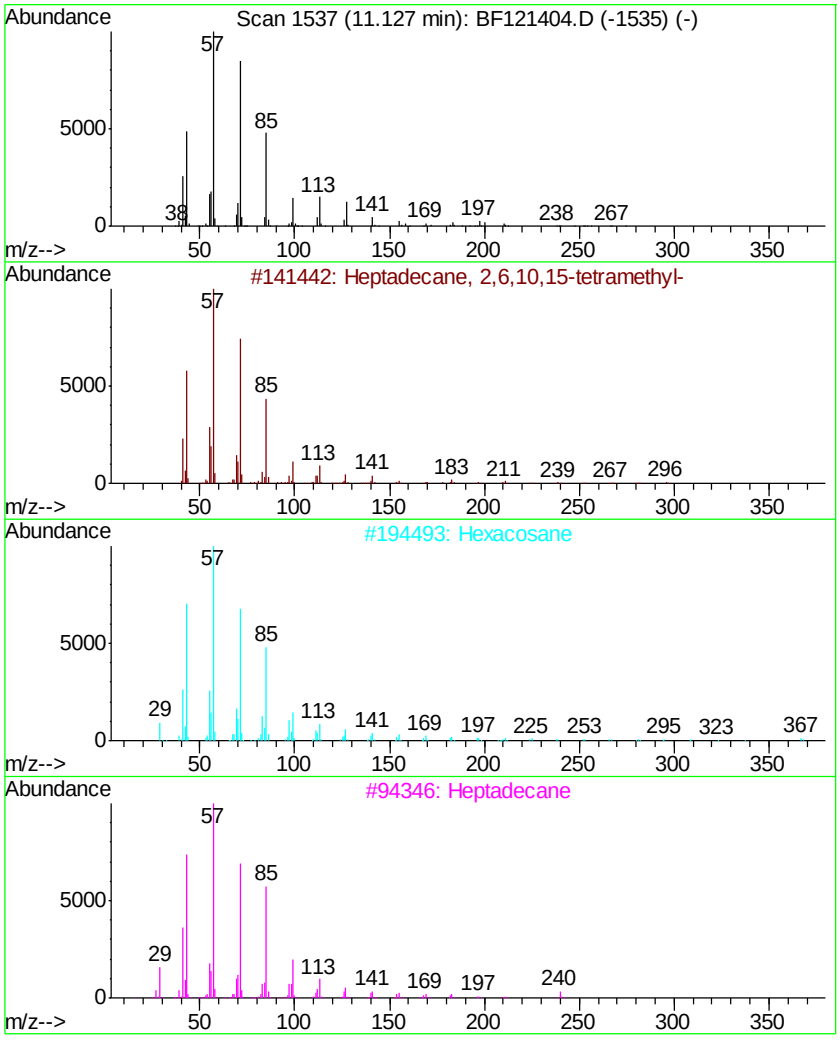
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

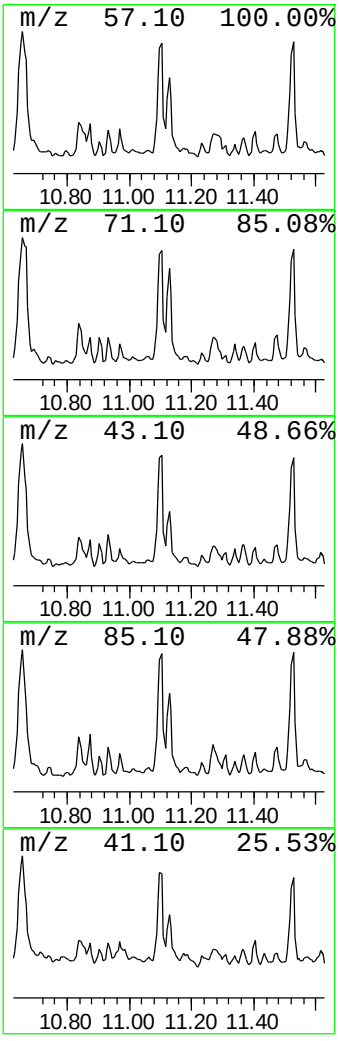
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	40.78 ng	1781370	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

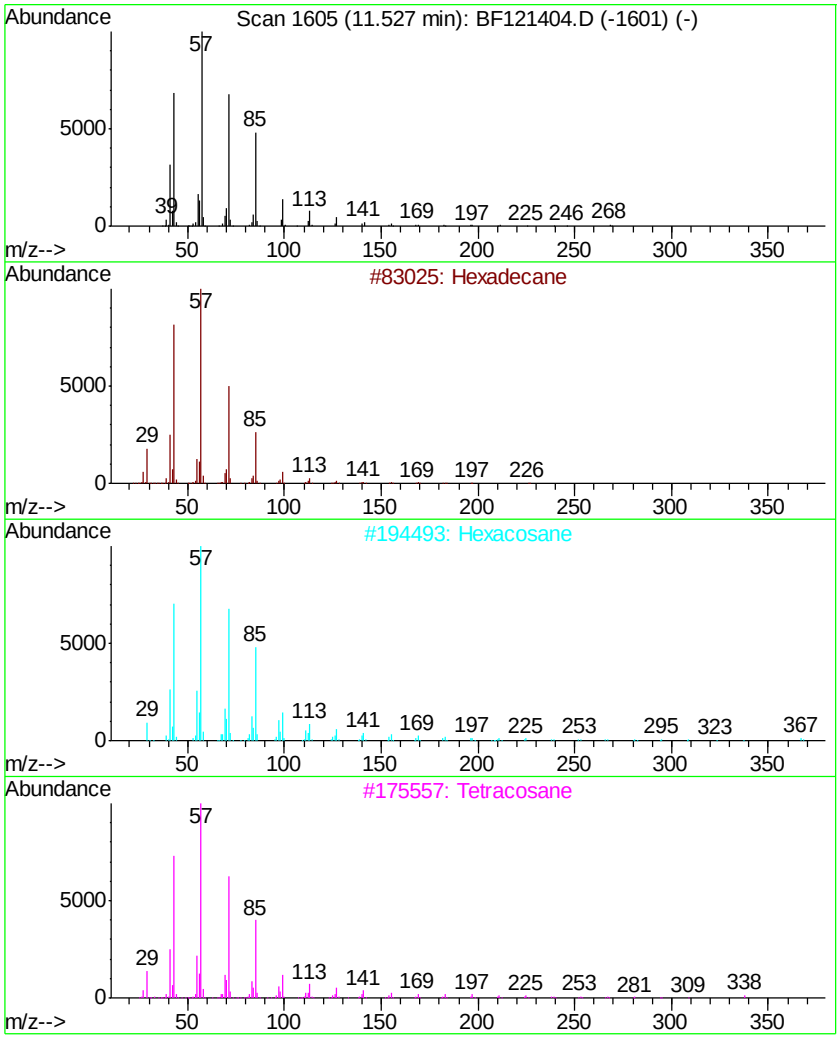
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

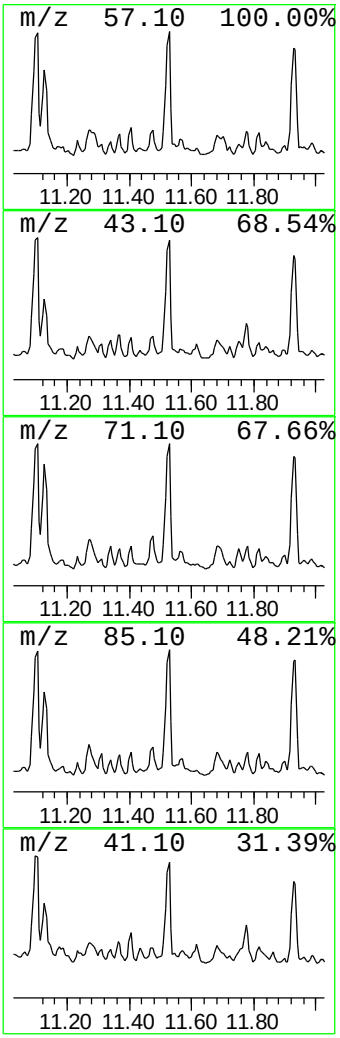
****

Peak Number 13 Decane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	55.34 ng	2417220	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	83
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
5	Decane, 3-methyl-	156	C11H24	013151-34-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

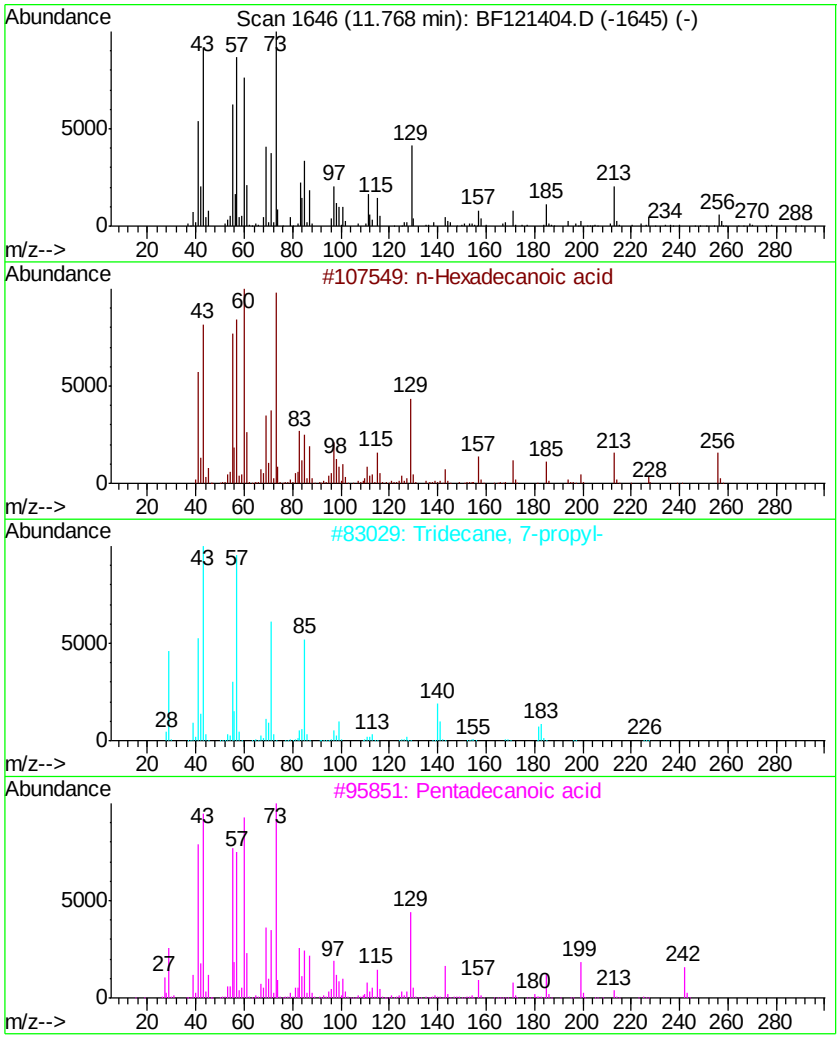
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

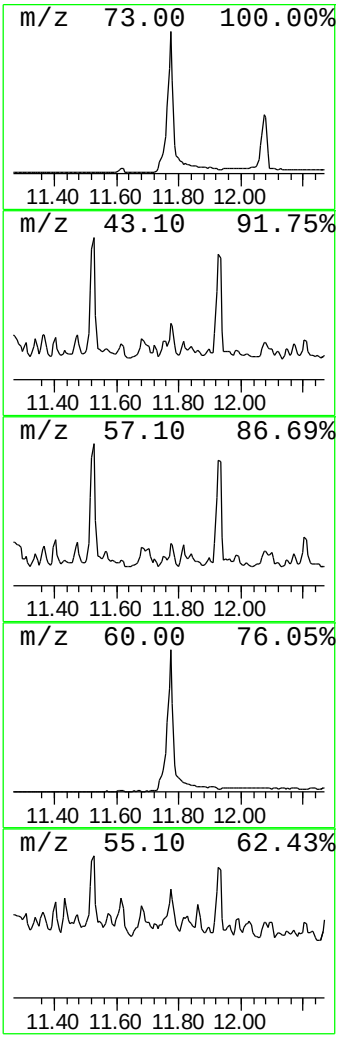
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	24.09 ng	1052170	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	46
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

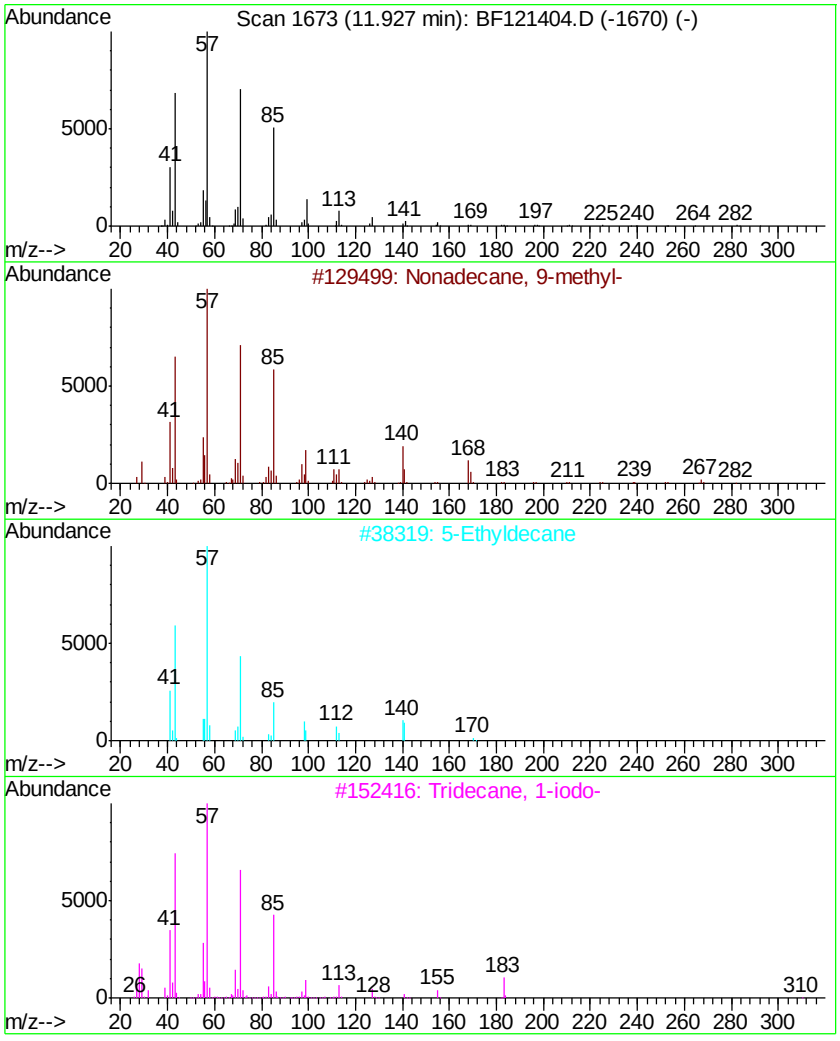
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

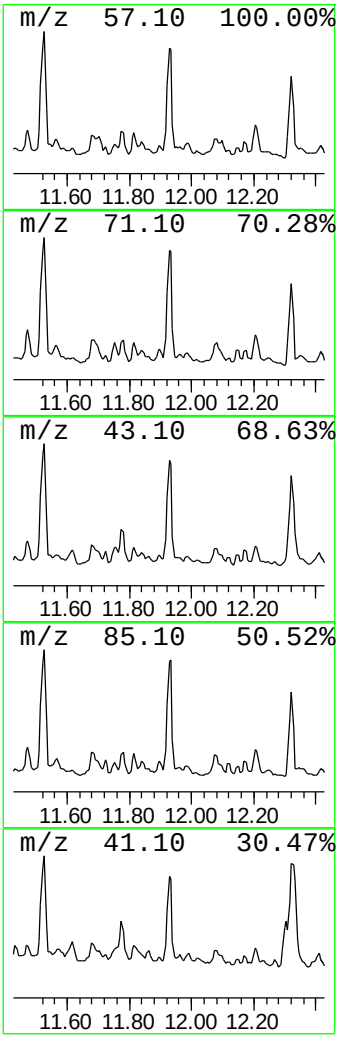
****

Peak Number 15 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	55.20 ng	2411340	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
2	5-Ethyldecane	170	C12H26	017302-36-2	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	1-Iodoundecane	282	C11H23I	004282-44-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

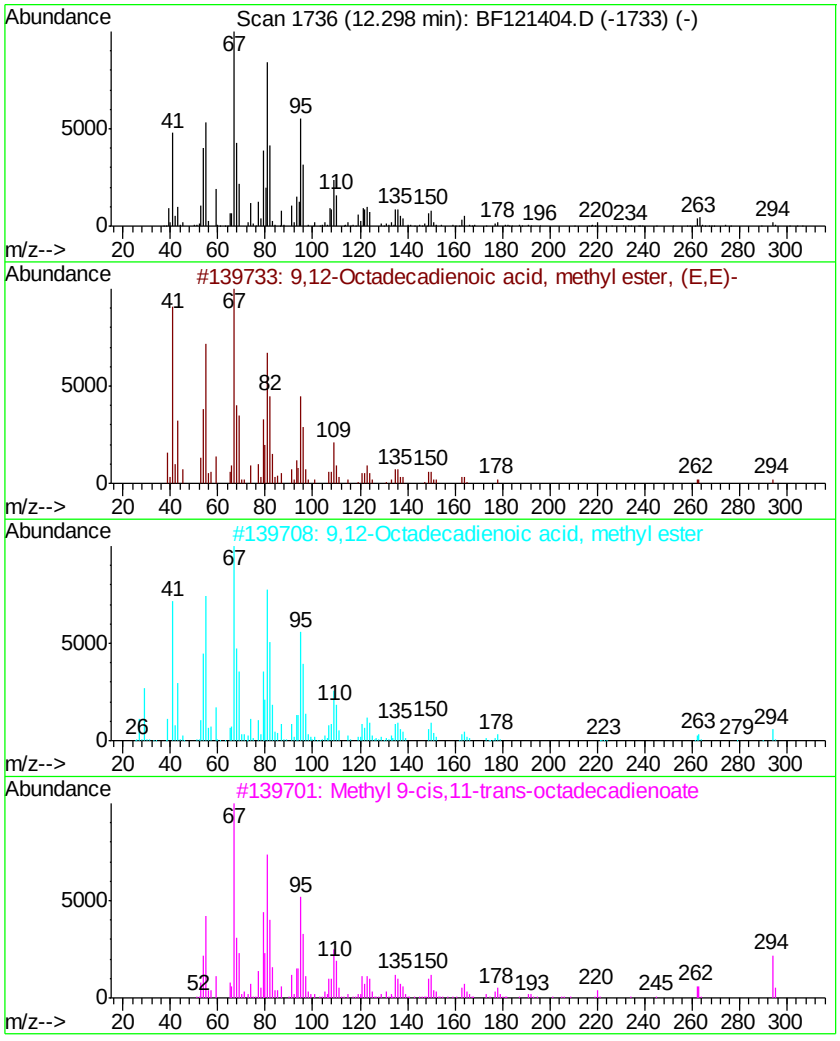
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

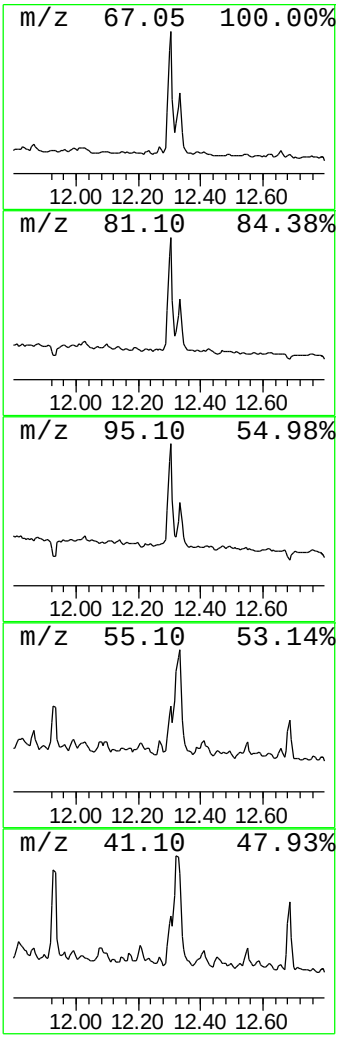
****

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	41.72 ng	1822100	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

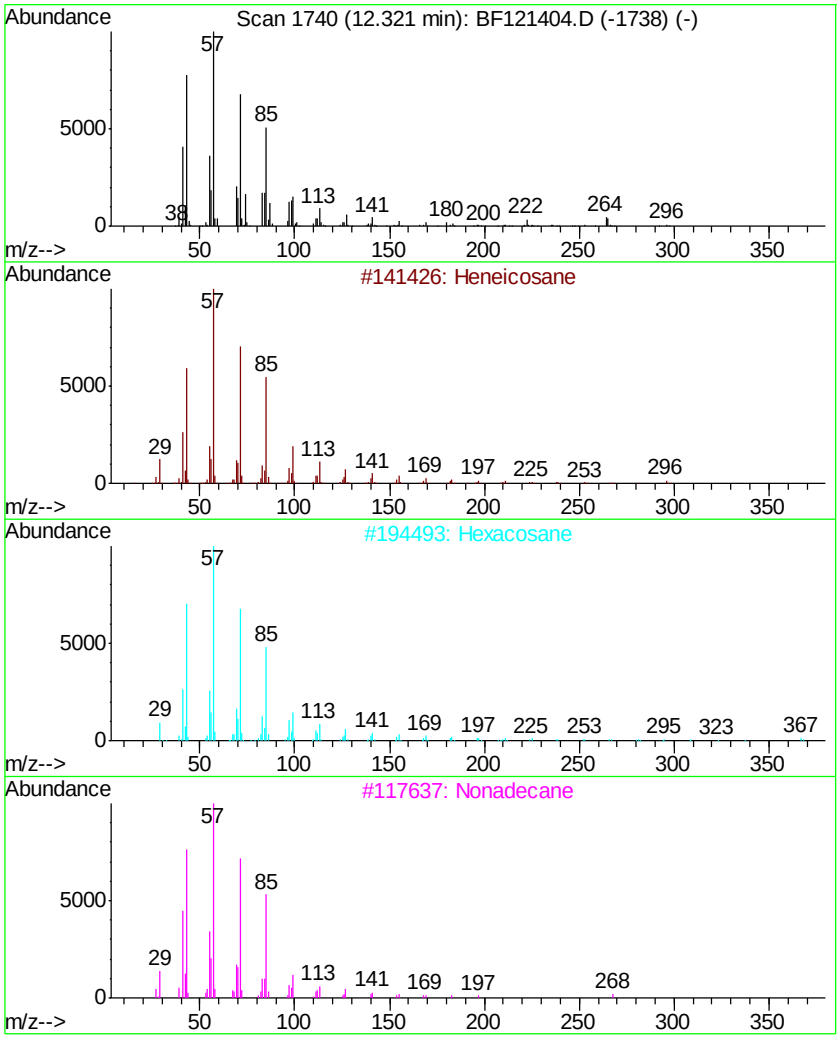
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

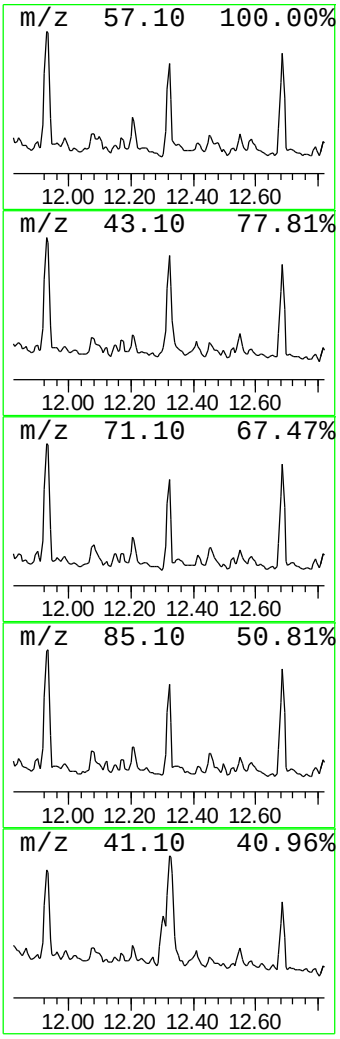
****

Peak Number 17 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	108.86 ng	4754890	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexacosane	366	C26H54	000630-01-3	74
3	Nonadecane	268	C19H40	000629-92-5	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

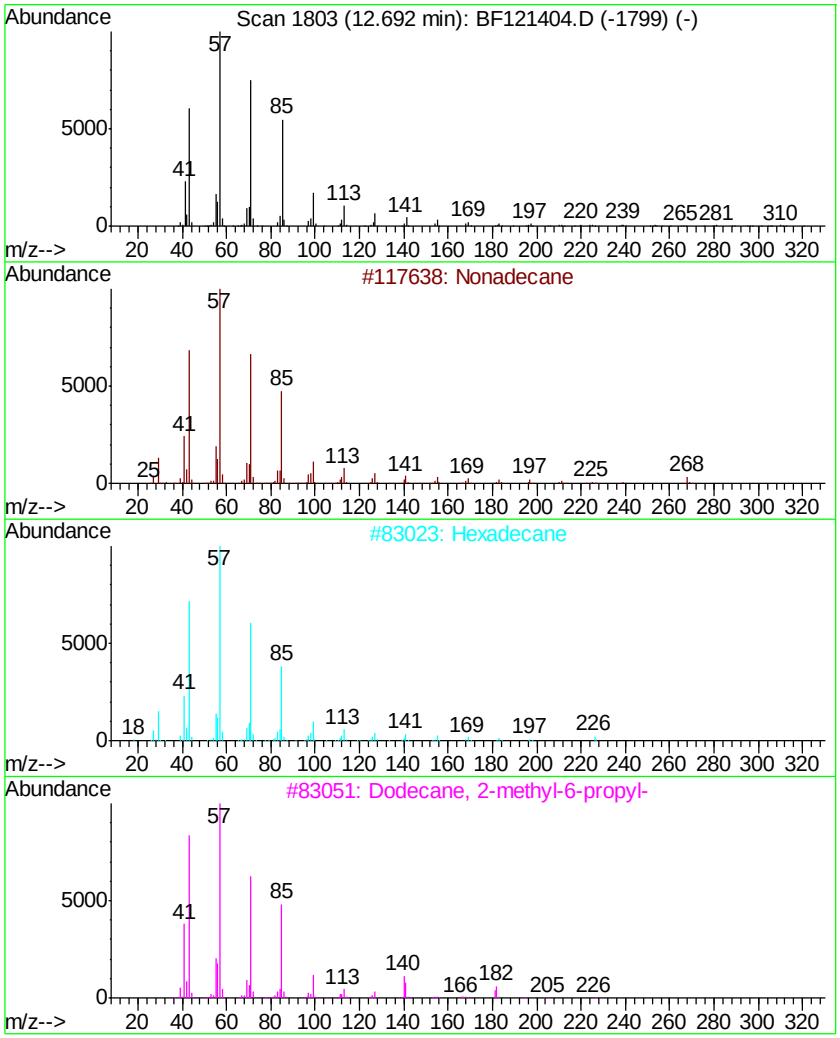
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

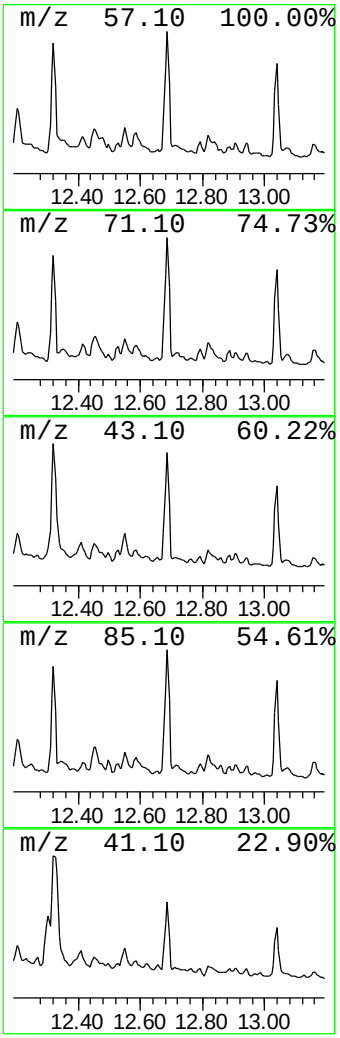
****

Peak Number 18 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	38.91 ng	1799750	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

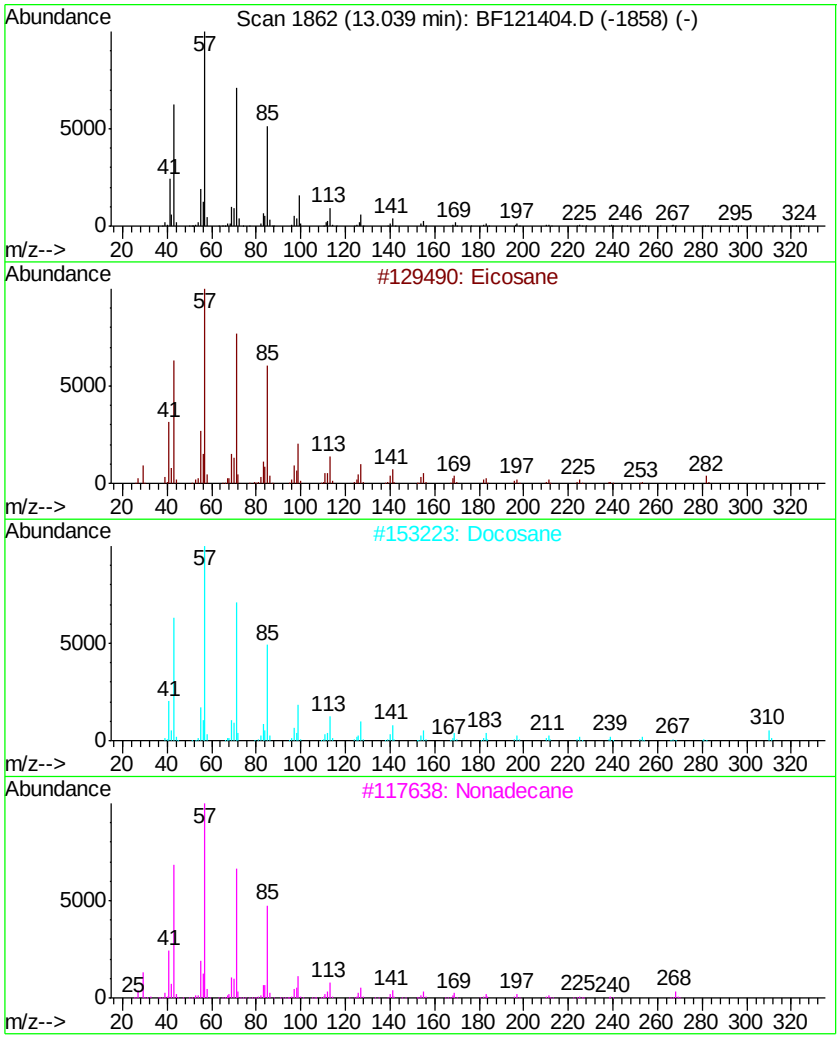
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

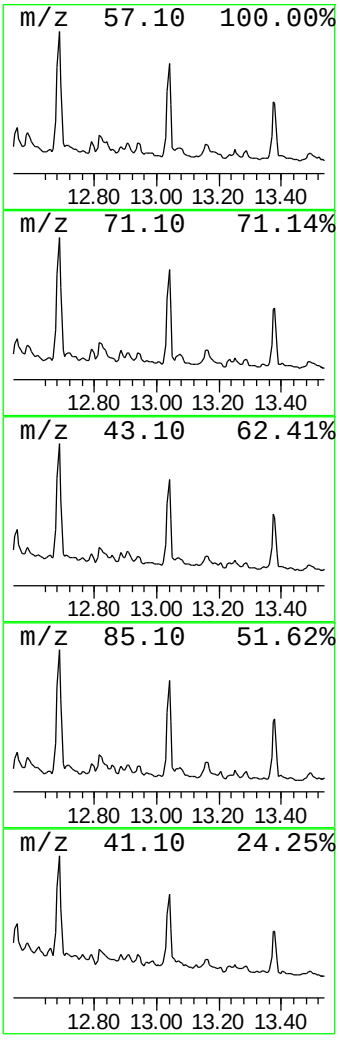
****

Peak Number 19 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	36.31 ng	1679750	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Docosane	310	C22H46	000629-97-0	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tricosane	324	C23H48	000638-67-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

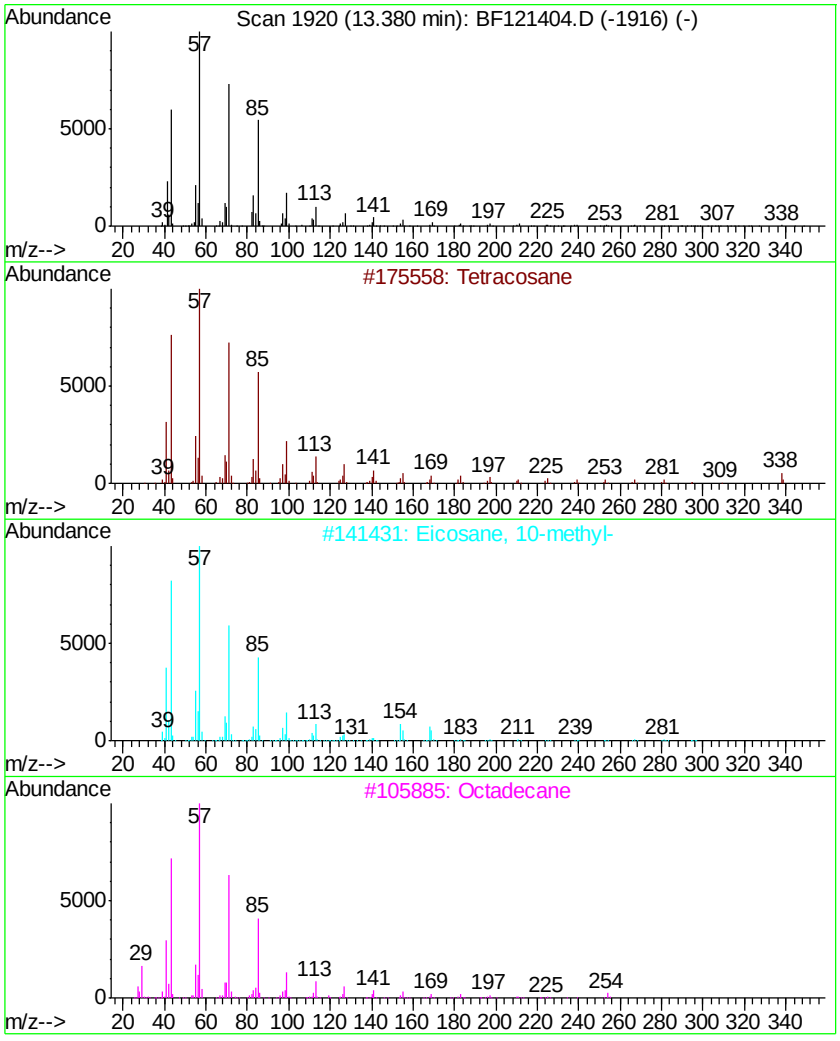
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

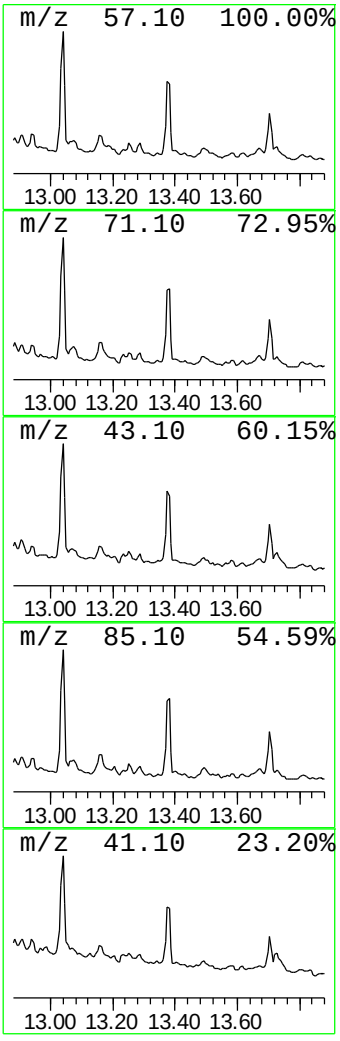
****

Peak Number 20 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	22.44 ng	1038190	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Octadecane	254	C18H38	000593-45-3	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082420\
Data File : BF121404.D
Acq On : 24 Aug 2020 17:50
Operator : JU/CG
Sample : L3773-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecane, 6-methyl-	8.86	23.8	ng	1014990	3	9.74	854590	20.0
Tridecane, 7-propyl-	9.15	112.0	ng	4786270	3	9.74	854590	20.0
Hexadecane, 7-met...	9.40	25.2	ng	1075020	3	9.74	854590	20.0
unknown9.52	9.52	29.7	ng	1270450	3	9.74	854590	20.0
Tetradecane	9.68	82.5	ng	3524110	3	9.74	854590	20.0
Octadecane, 1-chl...	9.91	32.7	ng	1395380	3	9.74	854590	20.0
2-methyloctacosane	10.00	43.7	ng	1866950	3	9.74	854590	20.0
Hexadecane	10.18	64.0	ng	2734260	3	9.74	854590	20.0
Pentadecane, 2,6,...	10.40	39.0	ng	1664610	3	9.74	854590	20.0
Octacosane	10.66	101.6	ng	4437770	4	11.22	873596	20.0
Heptadecane, 8-me...	11.10	66.5	ng	2906090	4	11.22	873596	20.0
Heptadecane, 2,6,...	11.13	40.8	ng	1781370	4	11.22	873596	20.0
Decane, 3-methyl-	11.53	55.3	ng	2417220	4	11.22	873596	20.0
n-Hexadecanoic acid	11.77	24.1	ng	1052170	4	11.22	873596	20.0
Nonadecane, 9-met...	11.93	55.2	ng	2411340	4	11.22	873596	20.0
9,12-Octadecadien...	12.30	41.7	ng	1822100	4	11.22	873596	20.0
Heneicosane	12.32	108.9	ng	4754890	4	11.22	873596	20.0
Nonadecane	12.69	38.9	ng	1799750	5	13.85	925198	20.0
Eicosane	13.04	36.3	ng	1679750	5	13.85	925198	20.0
Tetracosane	13.38	22.4	ng	1038190	5	13.85	925198	20.0