LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

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-BF010719.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	5.028	496	500	508	rVB2	119862	220168	1.17%	0.142%
2	5.093	508	511	517	rBV	238141	290994	1.55%	0.188%
3	5.510	577	582	585	rBV	2767528	2653434	14.10%	1.713%
4	6.522	748	754	758	rBV	2802040	3109700	16.53%	2.008%
5	6.651	771	776	779	rVB	3254419	2973004	15.80%	1.920%
6	6.869	810	813	821	rVB	898246	820952	4.36%	0.530%
7	7.028	836	840	843	rBV	2484619	2395491	12.73%	1.547%
8	7.281	876	883	886	rBV2	129394	236026	1.25%	0.152%
9	7.434	898	909	912	rBV	2063832	2221954	11.81%	1.435%
10	7.516	919	923	927	rVB3	137043	223544	1.19%	0.144%
11	8.157	1026	1032	1034	rBV	1090539	1148212	6.10%	0.741%
12	8.216	1038	1042	1045	rVB3	170220	204451	1.09%	0.132%
13	8.445	1075	1081	1084	rVB7	179198	235160	1.25%	0.152%
14	8.581	1100	1104	1106	rBV	550182	495309	2.63%	0.320%
15	9.175	1203	1205	1210	rVB	563956	515982	2.74%	0.333%
16	9.233	1210	1215	1218	rBV	3388419	3253769	17.29%	2.101%
17	9.316	1224	1229	1233	rBV3	206827	372679	1.98%	0.241%
18	9.622	1278	1281	1285	rBV2	1159680	1277969	6.79%	0.825%
19	9.910	1323	1330	1333	rBV2	1204645	1174434	6.24%	0.758%
20	9.945	1333	1336	1339	rVB	468462	391195	2.08%	0.253%
21	10.116	1360	1365	1368	rVB2	267267	303158	1.61%	0.196%
22	10.169	1369	1374	1380	rVB3	95355	202514	1.08%	0.131%
23	10.457	1420	1423	1428	rVB	416822	361957	1.92%	0.234%
24	10.563	1436	1441	1444	rVV2	156662	208322	1.11%	0.135%
25	10.704	1460	1465	1468	rBV	2063664	1932212	10.27%	1.248%
26	10.775	1473	1477	1480	rVV	402464	343605	1.83%	0.222%
27	10.828	1480	1486	1488	rVV2	251516	278647	1.48%	0.180%
28	11.292	1562	1565	1570	rVB	263010	231745	1.23%	0.150%
29	11.398	1579	1583	1585	rBV	1022732	945086	5.02%	0.610%
30	11.422	1585	1587	1590	rVV	1759819	1343629	7.14%	0.868%
31	11.469	1593	1595	1598	rVB	331489	305236	1.62%	0.197%
32	11.898	1662	1668	1670	rBV	280340	325898	1.73%	0.210%
33	11.927	1670	1673	1675	rVV2	400695	360643	1.92%	0.233%
34	11.980	1679	1682	1684	rVV3	468273	473625	2.52%	0.306%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.004	1684	1686	1690	rVV3	591387	798353	4.24%	0.516%
36	12.045	1690	1693	1696	rVV2	1091635	941379	5.00%	0.608%
37	12.098	1698	1702	1706	rVB	616652	580669	3.09%	0.375%
38	12.145	1706	1710	1714	rBV	1287969	1183275	6.29%	0.764%
39	12.180	1714	1716	1721	rBV3	264449	353164	1.88%	0.228%
40	12.269	1726	1731	1734	rVV	6348911	6658985	35.39%	4.300%
41	12.345	1739	1744	1747	rVB	1168453	1057956	5.62%	0.683%
42	12.427	1754	1758	1761	rBV	381973	408929	2.17%	0.264%
43	12.486	1765	1768	1771	rVV	2246778	1829980	9.73%	1.182%
44	12.522	1771	1774	1782	rVB3	127267	211657	1.12%	0.137%
45	12.616	1786	1790	1793	rBV	1610372	1382362	7.35%	0.893%
46	12.663	1793	1798	1801	rBV	3848865	3817149	20.29%	2.465%
47	12.845	1823	1829	1830	rVV2	1391456	1413718	7.51%	0.913%
48	12.869	1830	1833	1836	rVV	5105315	4761969	25.31%	3.075%
49	12.904	1836	1839	1845	rVB2	227825	298111	1.58%	0.193%
50	12.957	1845	1848	1849	rBV2	382856	348959	1.85%	0.225%
51	12.986	1849	1853	1861	rVB	2173102	2462378	13.09%	1.590%
52	13.157	1873	1882	1885	rBV	9906742	18816288	100.00%	12.151%
53	13.221	1888	1893	1896	rVB	6755904	6782415	36.05%	4.380%
54	13.569	1947	1952	1955	rVV	7307676	7819204	41.56%	5.049%
55	13.610	1955	1959	1963	rVB2	239839	295471	1.57%	0.191%
56	13.674	1967	1970	1974	rBV2	979331	859469	4.57%	0.555%
57	13.763	1982	1985	1988	rBV	275372	277630	1.48%	0.179%
58	13.792	1988	1990	1993	rVV2	184860	203433	1.08%	0.131%
59	13.898	2001	2008	2011	rVB	7460952	8977430	47.71%	5.797%
60	14.045	2028	2033	2035	rBV3	1050653	1463172	7.78%	0.945%
61	14.068	2035	2037	2043	rVB2	671218	953478	5.07%	0.616%
62	14.210	2056	2061	2064	rVB	7185585	7907377	42.02%	5.106%
63	14.321	2077	2080	2083	rVB	1310969	1072681	5.70%	0.693%
64	14.392	2090	2092	2095	rVB	393462	334392	1.78%	0.216%
65	14.427	2095	2098	2102	rVB2	289362	312673	1.66%	0.202%
66	14.515	2108	2113	2118	rBV	7572853	8183209	43.49%	5.284%
67	14.698	2141	2144	2147	rVB	415220	362254	1.93%	0.234%
68	14.821	2160	2165	2169	rBV	5249121	6395483	33.99%	4.130%
69	14.957	2185	2188	2193	rVB	604585	679879	3.61%	0.439%
70	15.027	2197	2200	2203	rVB	277125	296483	1.58%	0.191%
71	15.092	2208	2211	2218	rVV	392363	760861	4.04%	0.491%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.168	2218	2224	2233	rVV	4720789	6520756	34.65%	4.211%
73	15.239	2233	2236	2240	rVB2	169652	218853	1.16%	0.141%
74	15.392	2259	2262	2267	rVB2	398707	567637	3.02%	0.367%
75	15.462	2271	2274	2280	rVB	298264	401955	2.14%	0.260%
76	15.551	2281	2289	2299	rVB2	3059230	4962125	26.37%	3.204%
77	15.745	2318	2322	2327	rVB2	264751	404730	2.15%	0.261%
78	15.992	2357	2364	2368	rBV	1989695	3279641	17.43%	2.118%
79	16.498	2444	2450	2456	rBV	920224	1648513	8.76%	1.065%
80	16.868	2508	2513	2519	rVB5	157795	319114	1.70%	0.206%
81	17.098	2545	2552	2559	rVB2	591316	1235800	6.57%	0.798%
82	17.280	2579	2583	2590	rVB5	187441	334679	1.78%	0.216%
83	17.604	2635	2638	2645	rBV4	108640	224355	1.19%	0.145%
84	17.692	2648	2653	2665	rVB7	303867	815226	4.33%	0.526%
85	17.804	2668	2672	2681	rVB2	190109	405735	2.16%	0.262%
86	17.945	2691	2696	2705	rVB3	196833	426244	2.27%	0.275%

Sum of corrected areas: 154858342

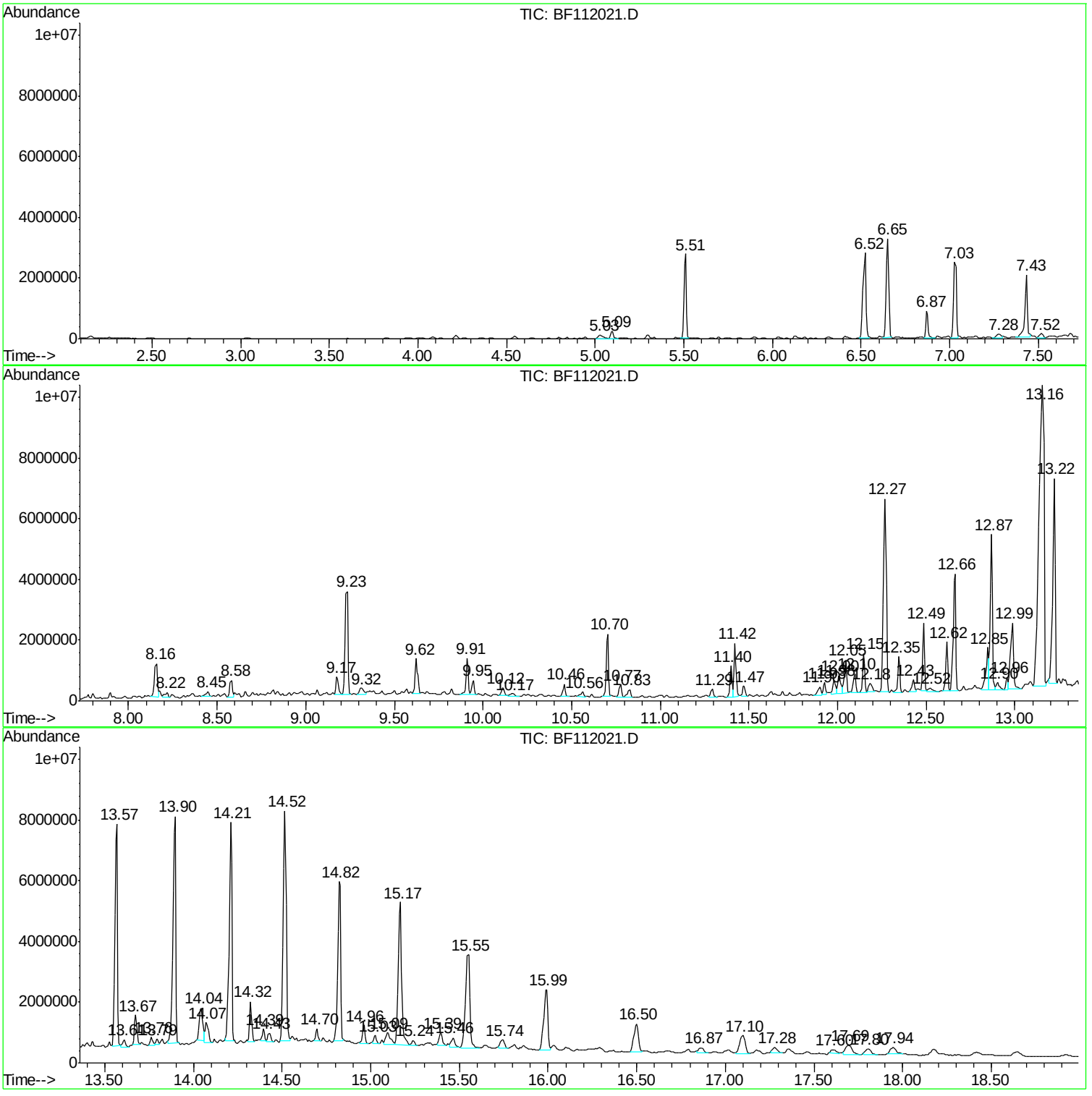
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

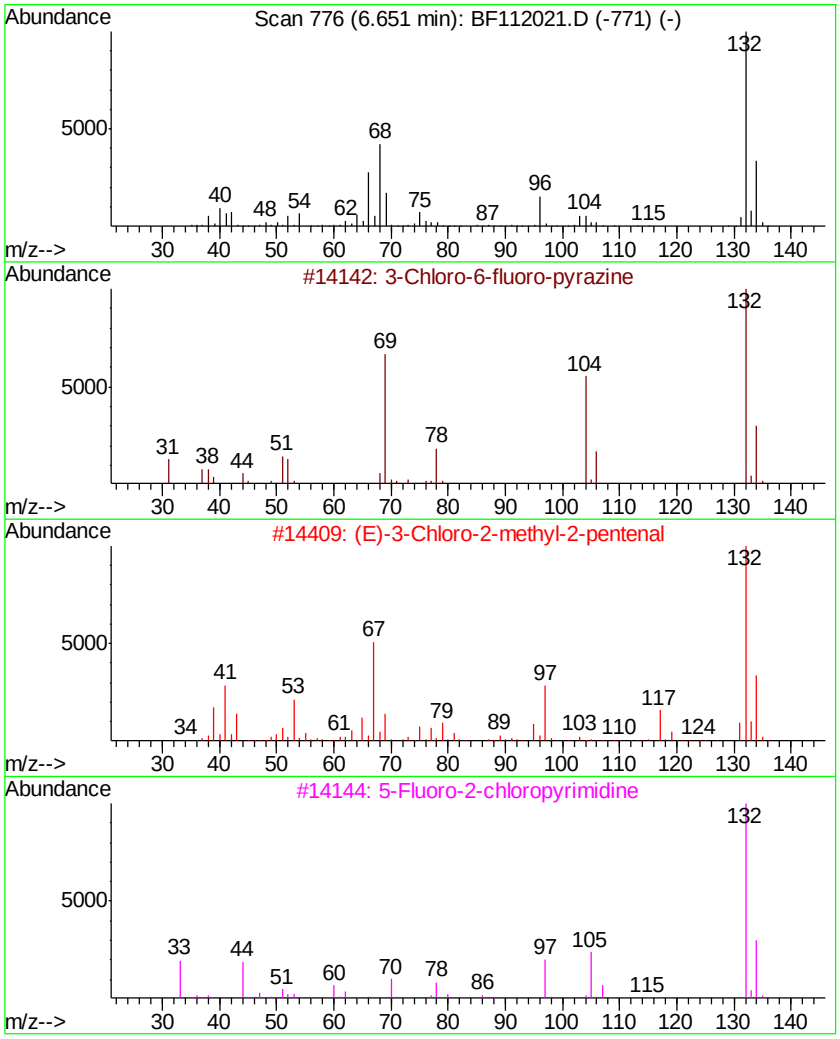
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

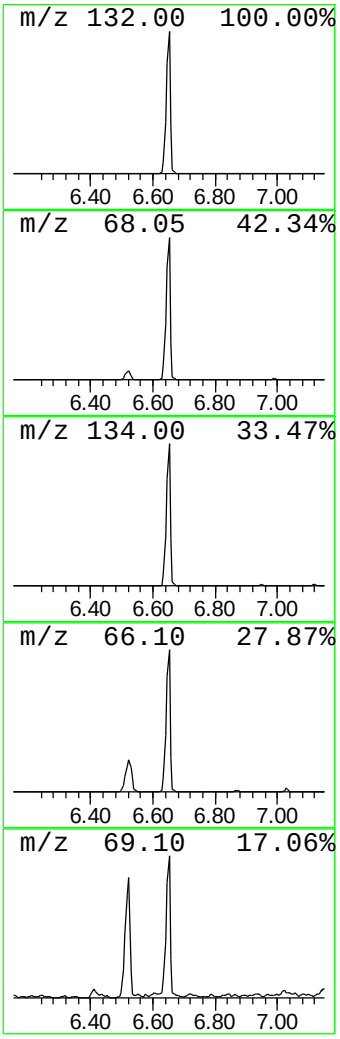
****

Peak Number 1 unknown6.65 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	72.43 ng	2973000	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Xenon	132	Xe	007440-63-3	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

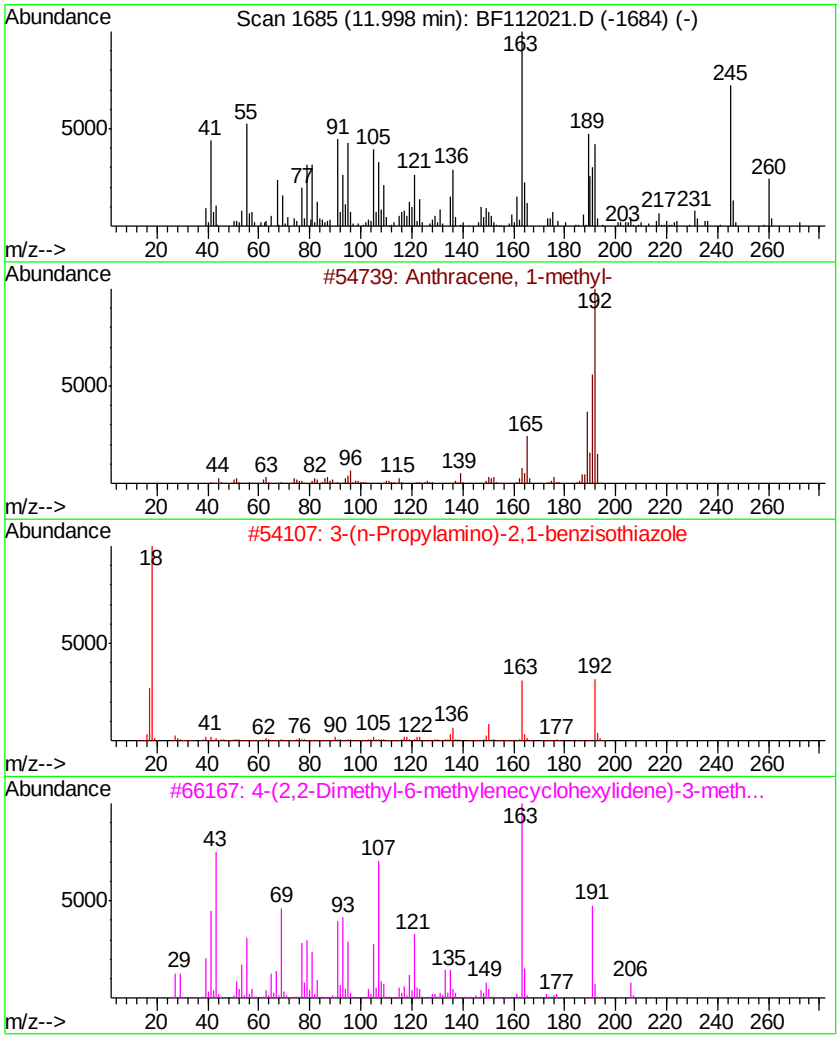
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

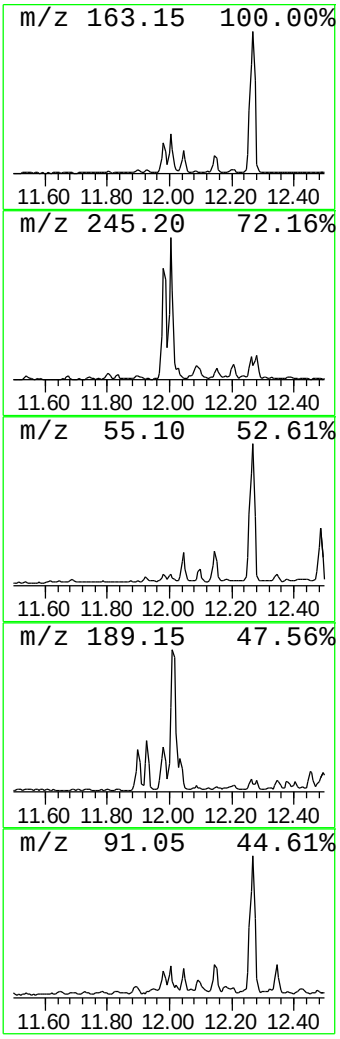
****

Peak Number 3 unknown12.00 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	16.89 ng	798353	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
2	3-(n-Propylamino)-2,1-benzisothi...	192	C10H12N2S	000708-42-9	20
3	4-(2,2-Dimethyl-6-methylenecyclo...	206	C14H22O	093175-74-7	14
4	Silane, diethylheptyloxyisobutoxy-	274	C15H34O2Si	1000363-06-3	14
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

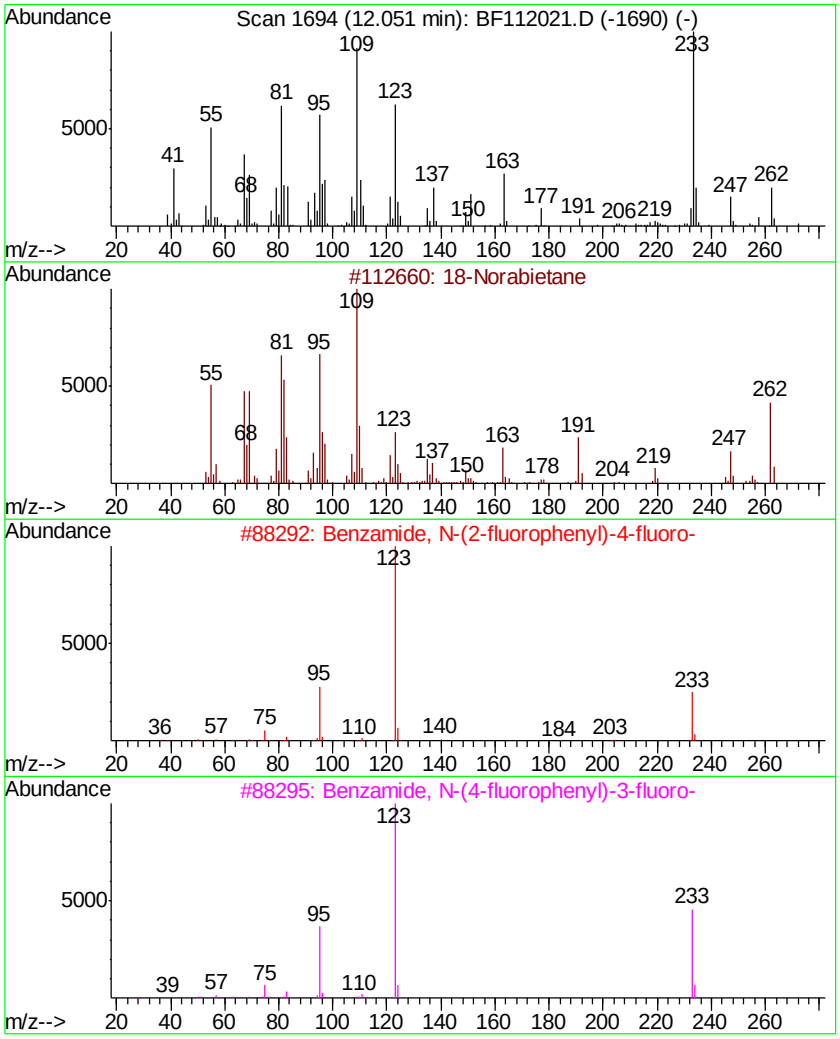
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

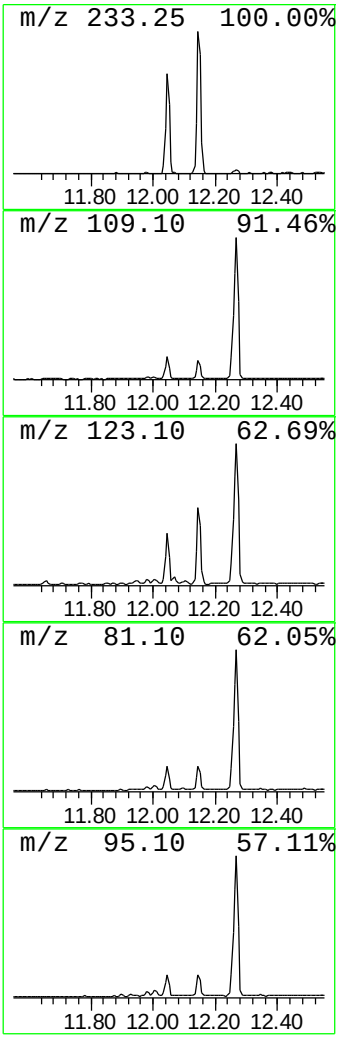
****

Peak Number 4 unknown12.05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	19.92 ng	941379	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	42
2	Benzamide, N-(2-fluorophenyl)-4-...	233	C13H9F2NO	1000308-30-2	38
3	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	38
4	Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	38
5	Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

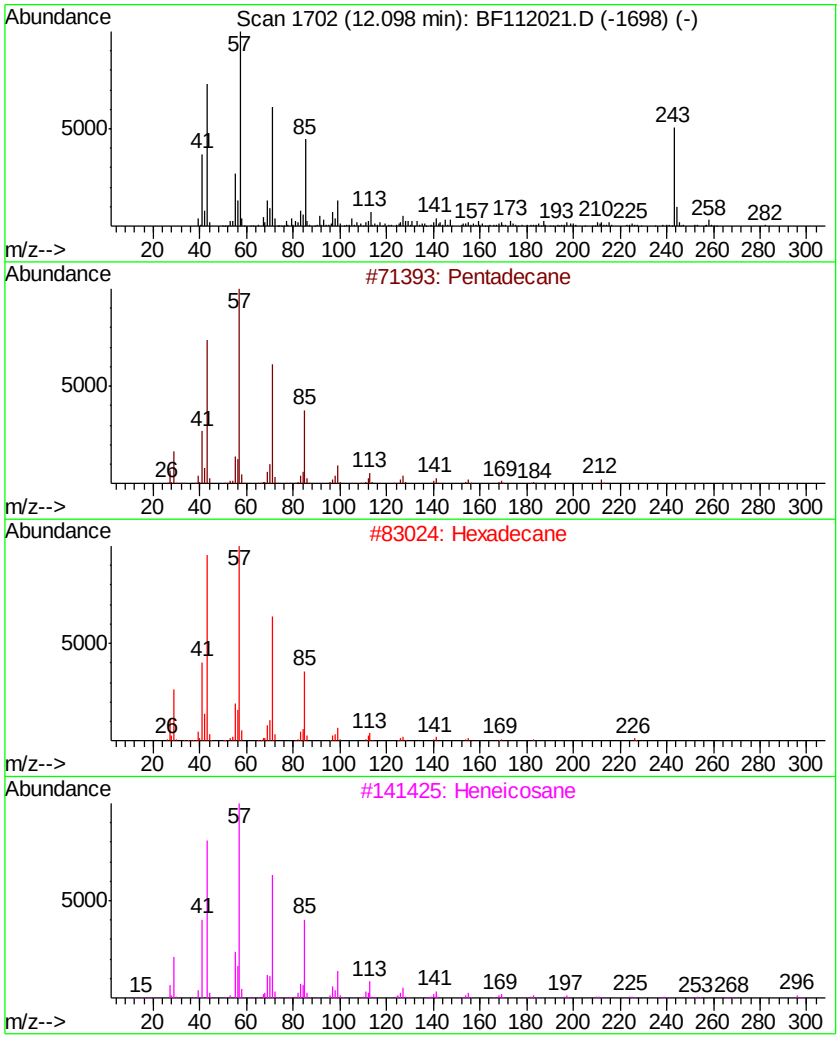
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

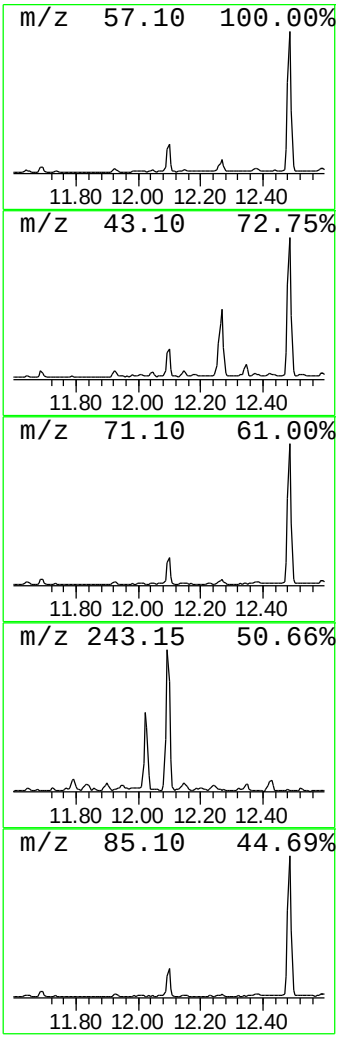
****

Peak Number 5 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	12.29 ng	580669	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tetracosane	338	C24H50	000646-31-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

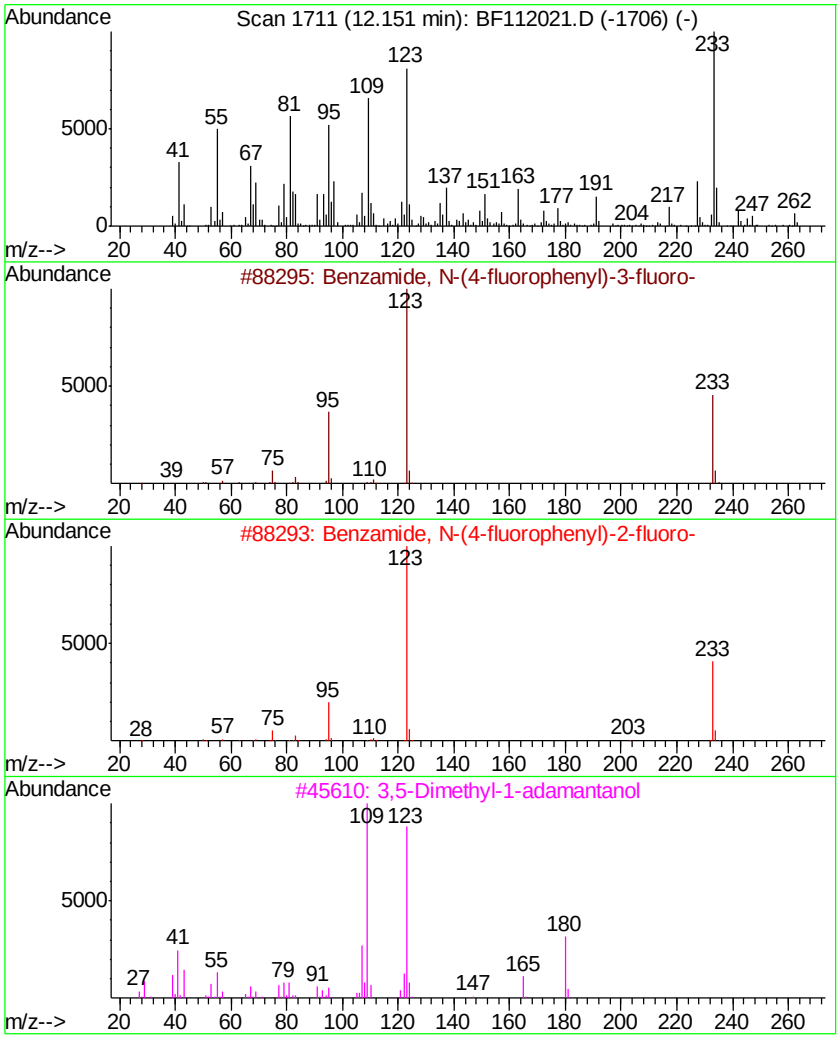
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

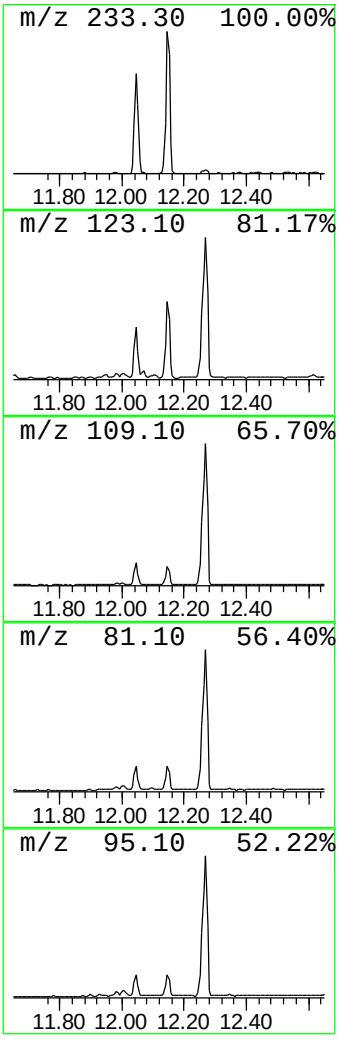
****

Peak Number 6 unknown12.15 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	25.04 ng	1183280	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	46
2	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	43
3	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	27
4	18-Norabietane	262	C19H34	1000293-16-6	15
5	Benzamide, 4-fluoro-N-(3-hydroxy...	231	C13H10FNO2	142057-26-9	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

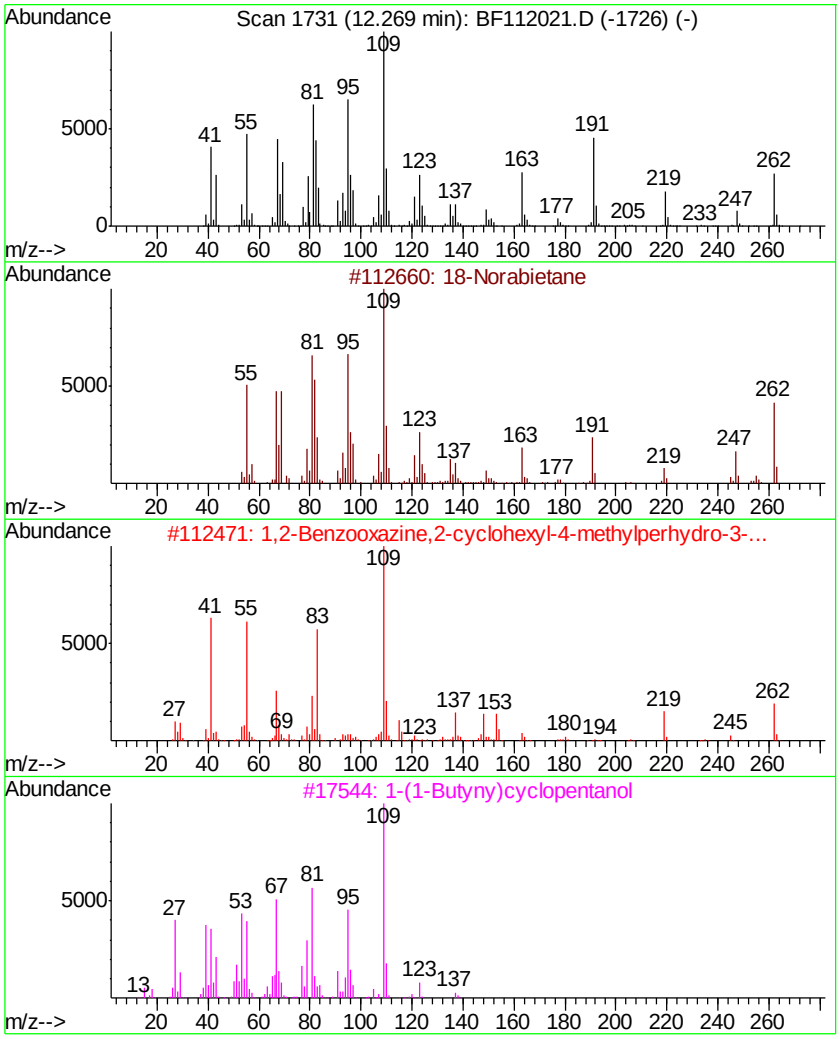
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

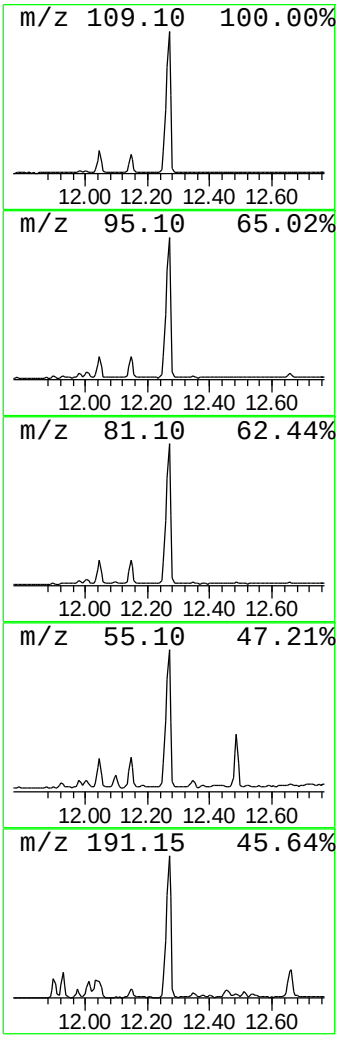
****

Peak Number 7 18-Norabietane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	140.92 ng	6658990	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	93
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
3	1-(1-Butynyl)cyclopentanol	138	C9H14O	1000342-86-5	27
4	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	27
5	7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

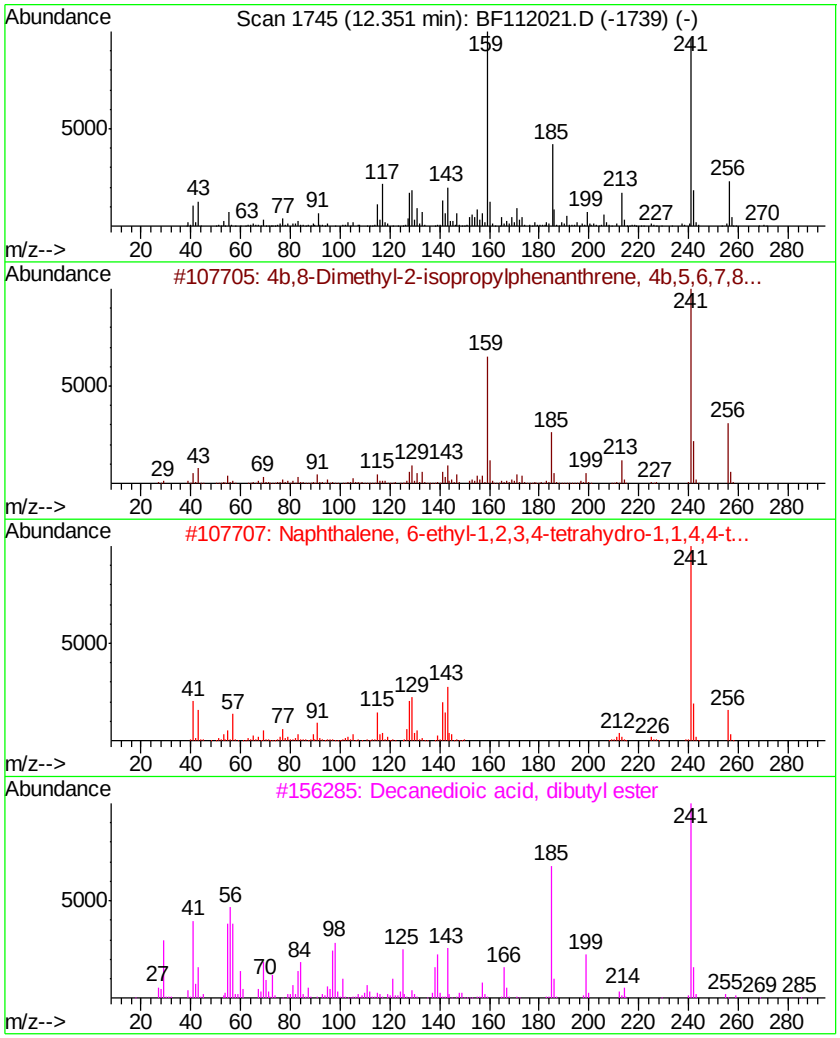
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

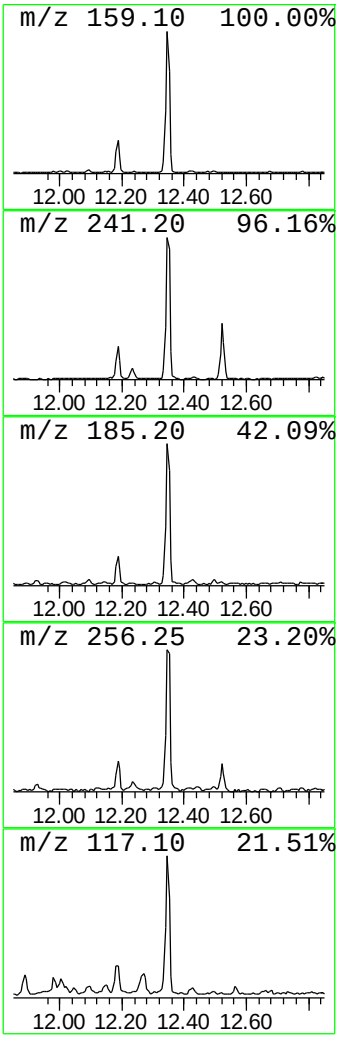
****

Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	22.39 ng	1057960	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	46
3	Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	38
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38
5	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

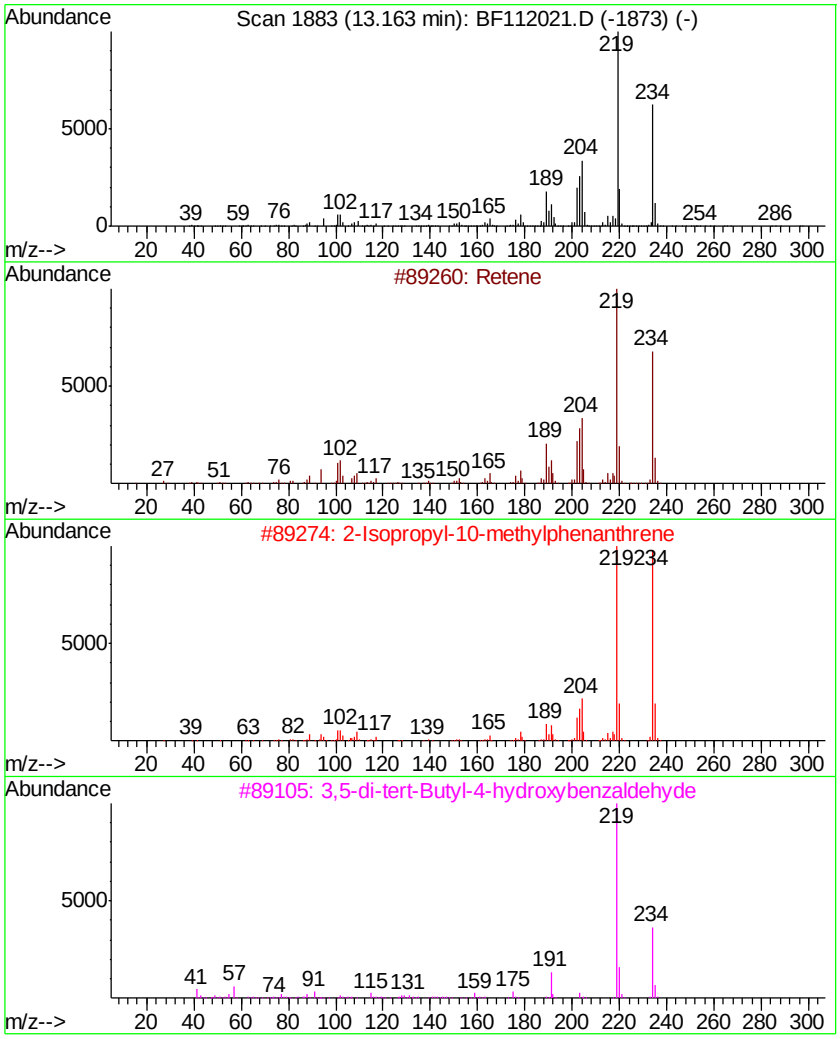
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

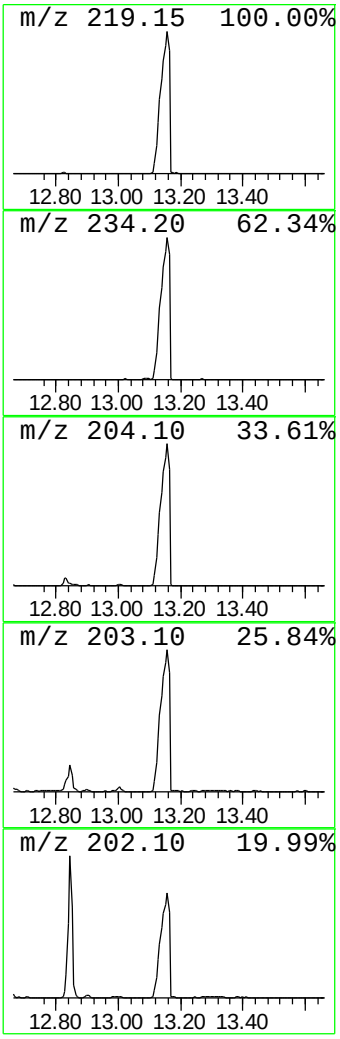
****

Peak Number 10 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	257.20 ng	18816300	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49
5	2-[[1-(4-Methylphenyl)ethylidene...	234	C16H14N2	1000326-46-0	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

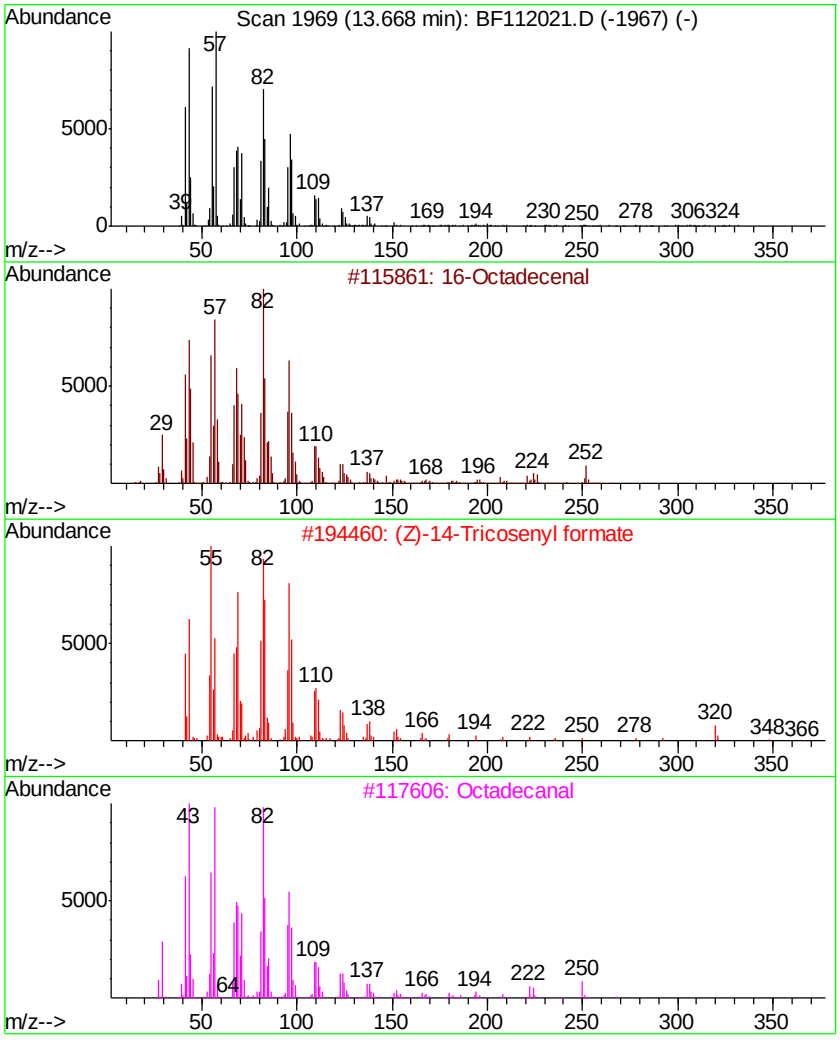
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

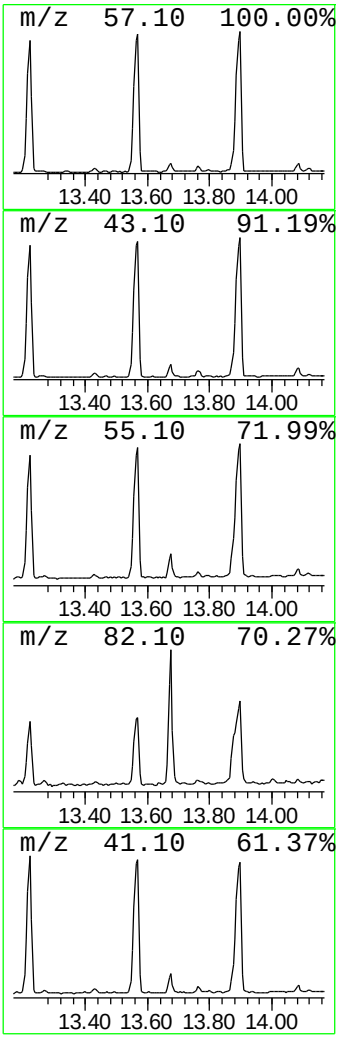
****

Peak Number 13 16-Octadecenal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	11.75 ng	859469	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenal	266	C18H34O	056554-87-1	94
2	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
3	Octadecanal	268	C18H36O	000638-66-4	91
4	14-Octadecenal	266	C18H34O	056554-89-3	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

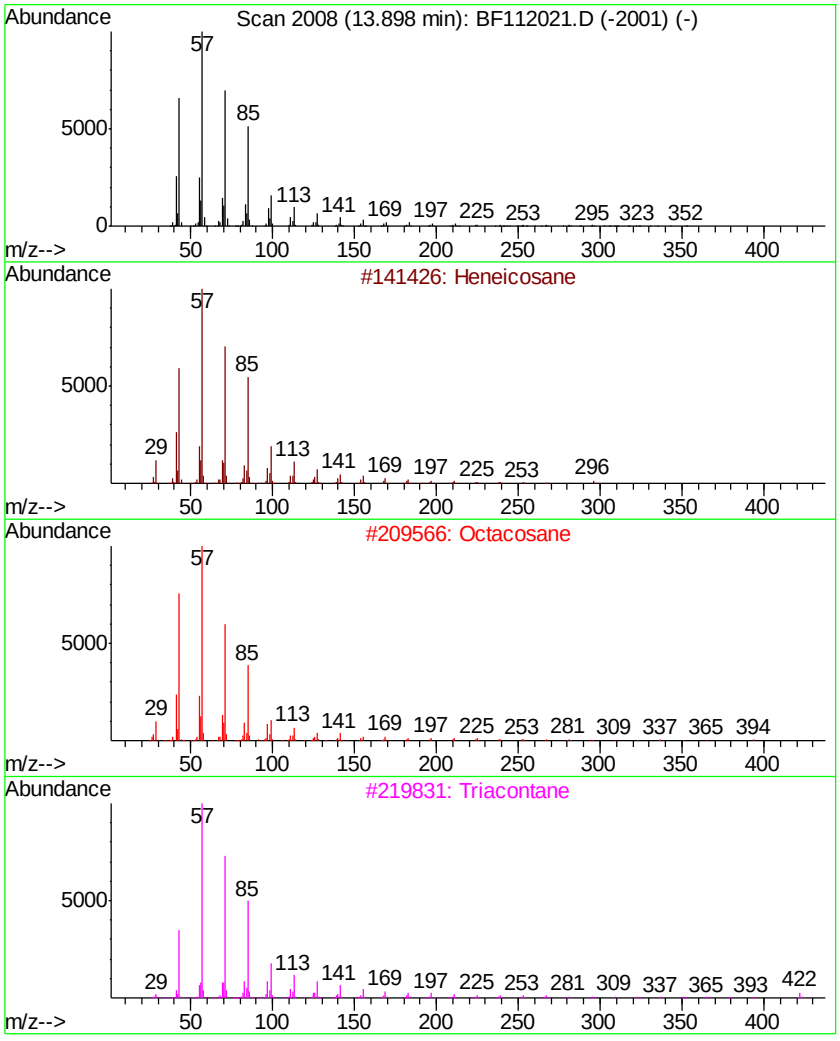
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

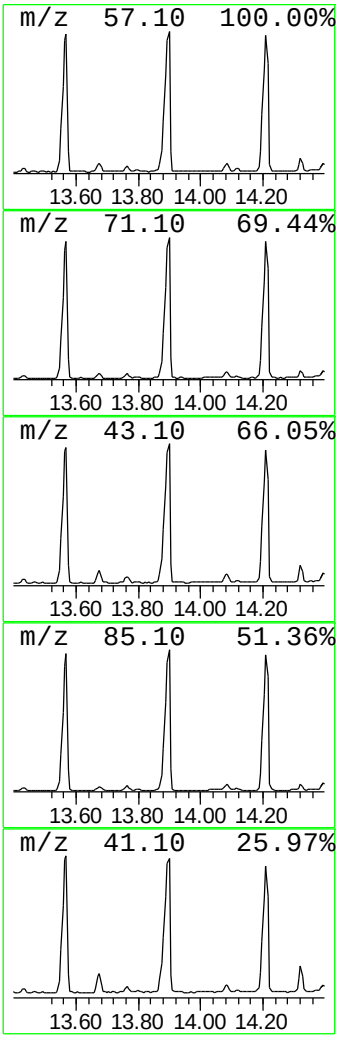
****

Peak Number 14 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	122.71 ng	8977430	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Octacosane	394	C28H58	000630-02-4	91
3	Triacontane	422	C30H62	000638-68-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

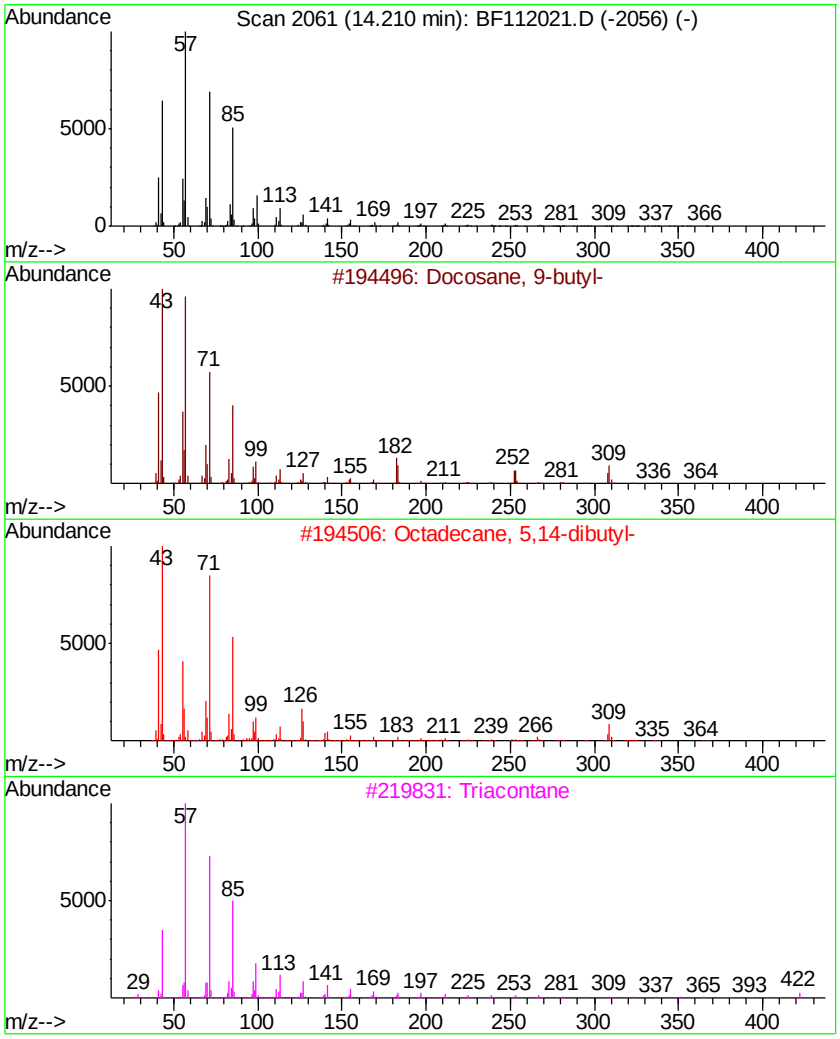
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

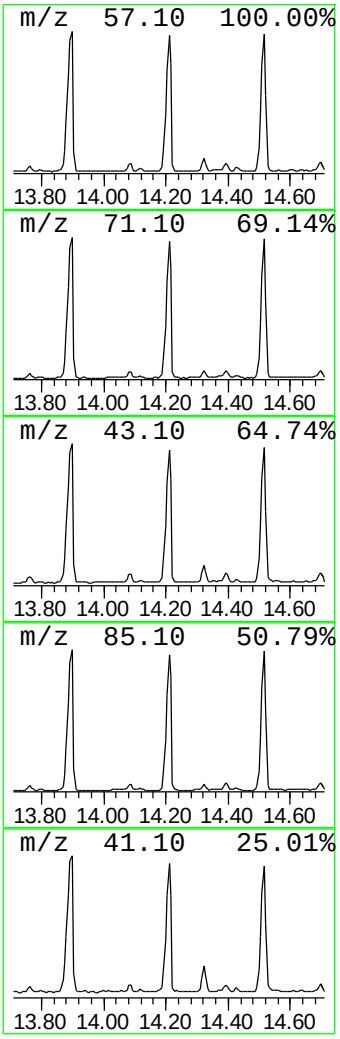
****

Peak Number 15 Docosane, 9-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	108.09 ng	7907380	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
3	Triacontane	422	C30H62	000638-68-6	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

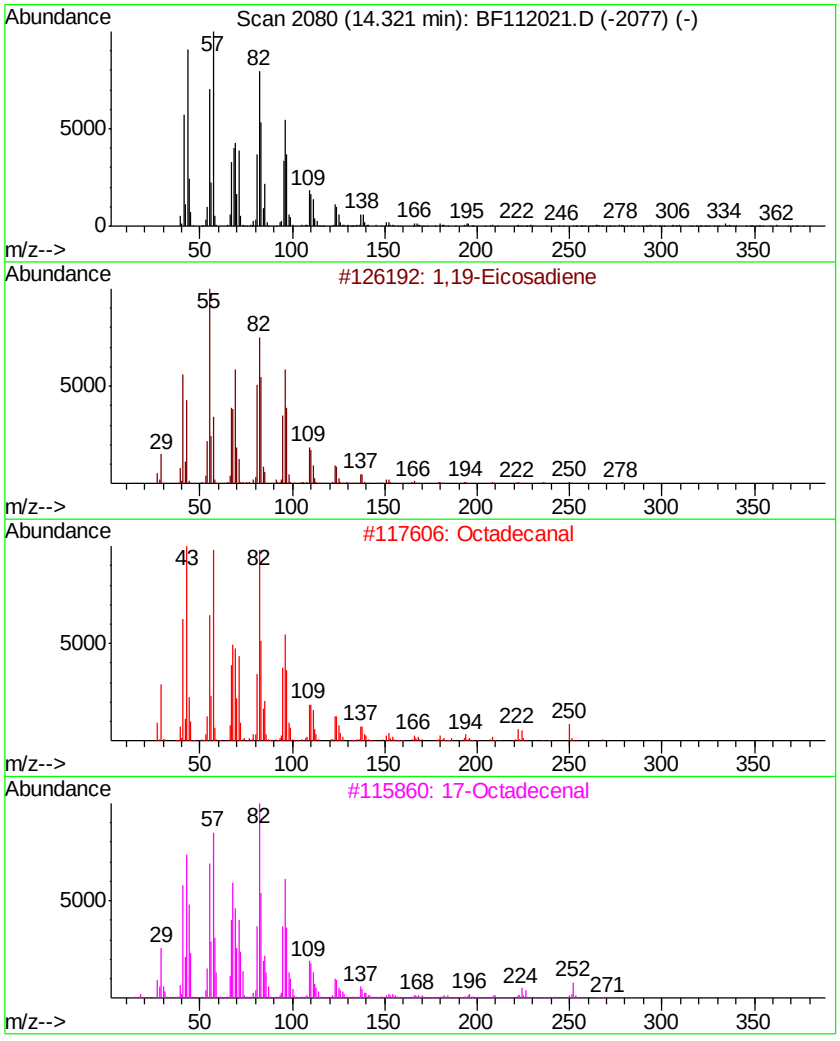
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

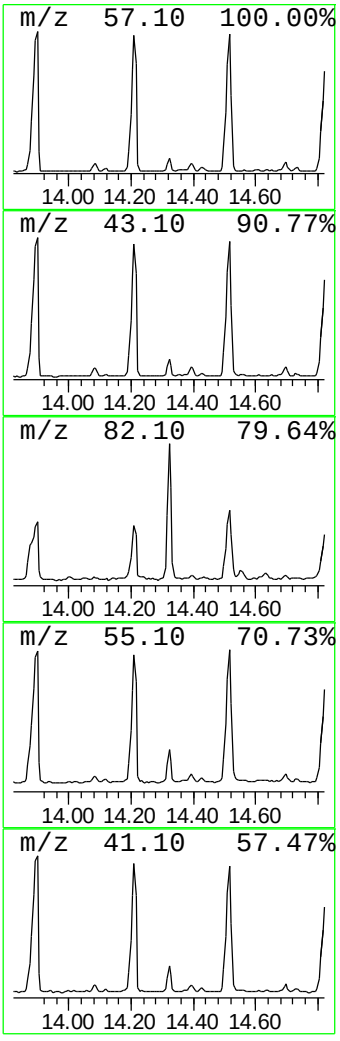
****

Peak Number 16 1,19-Eicosadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	14.66 ng	1072680	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	17-Octadecenal	266	C18H34O	056554-86-0	91
4	Tetracosanal	352	C24H48O	057866-08-7	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

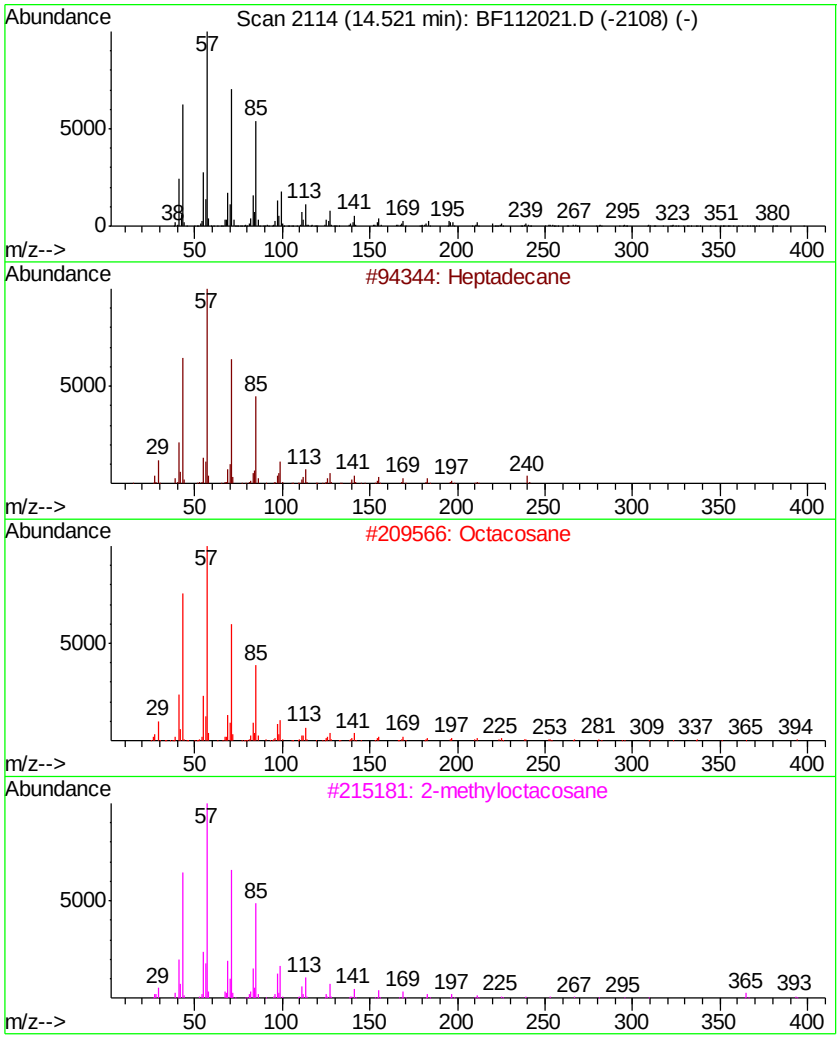
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

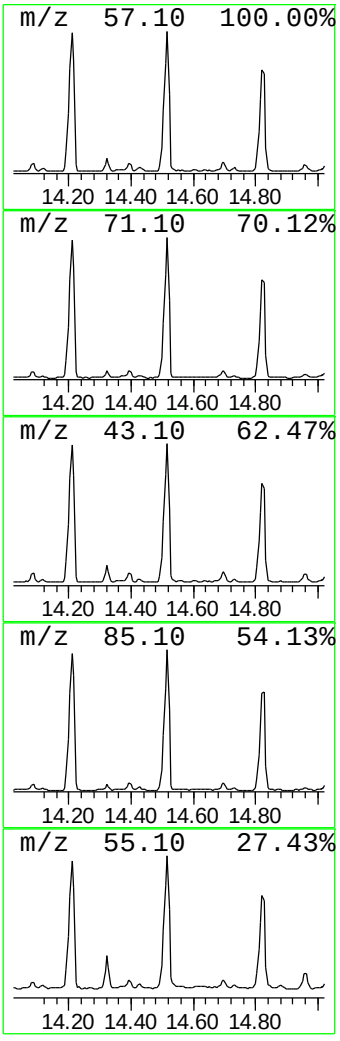
****

Peak Number 17 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	111.86 ng	8183210	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

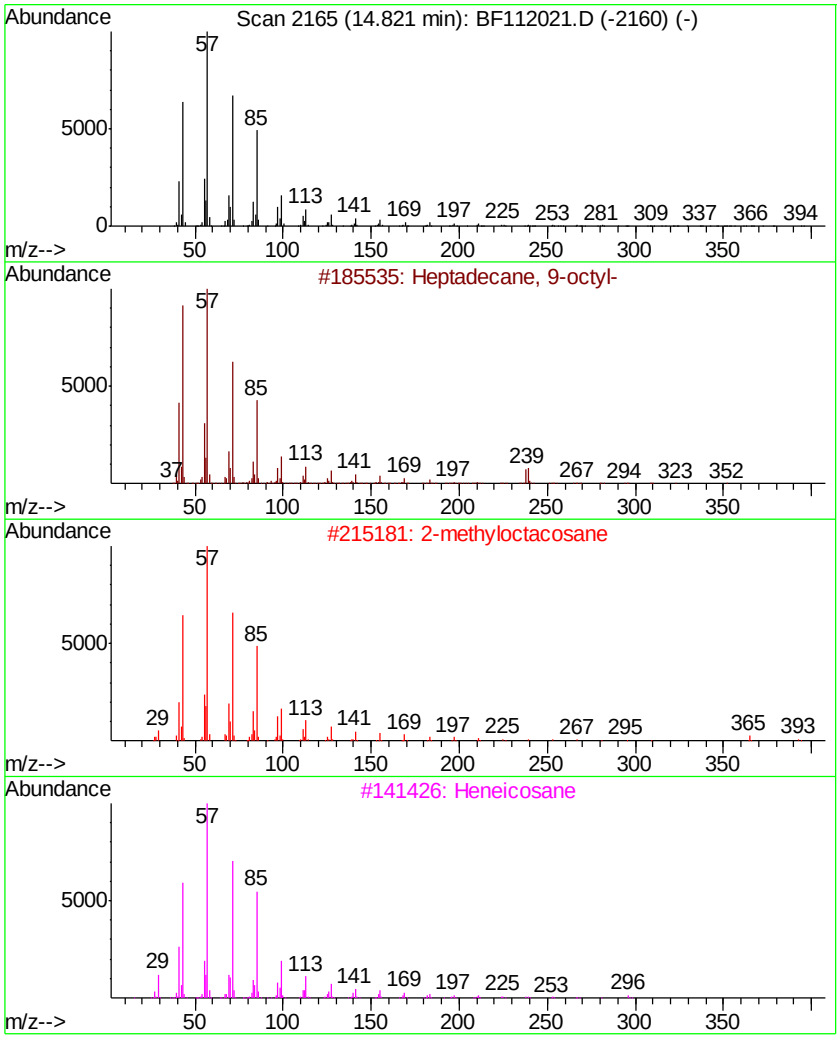
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

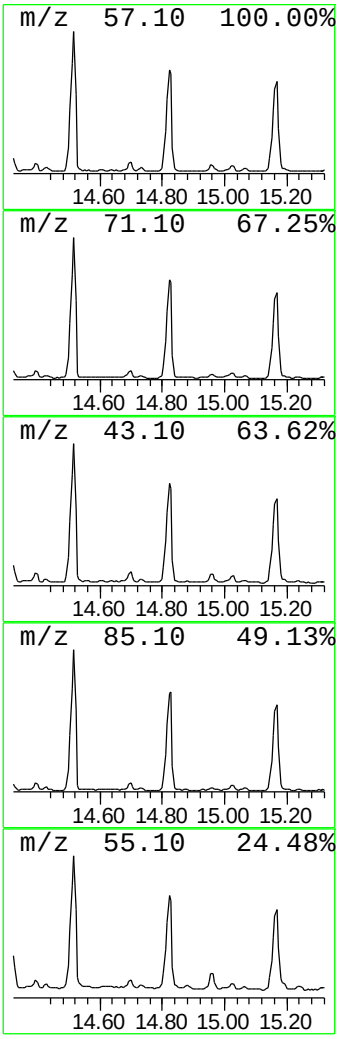
****

Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	25.78 ng	6395480	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

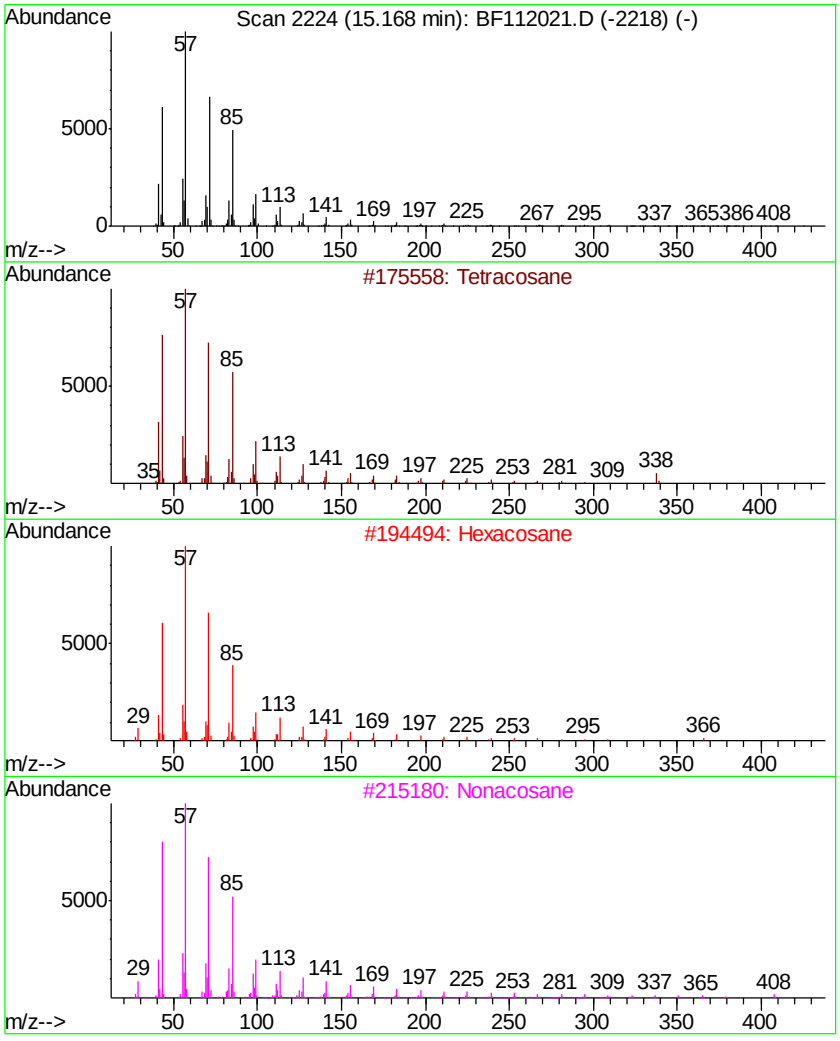
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

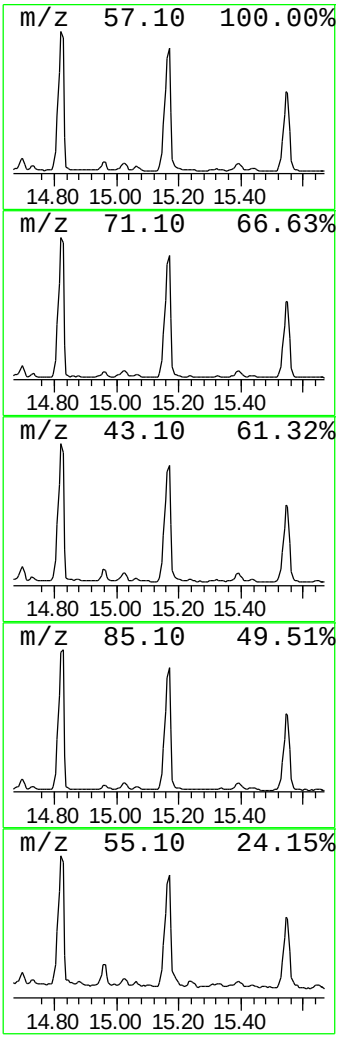
****

Peak Number 19 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	26.28 ng	6520760	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Hexacosane	366	C26H54	000630-01-3	97
3	Nonacosane	408	C29H60	000630-03-5	95
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011119\
Data File : BF112021.D
Acq On : 11 Jan 2019 17:55
Operator : JU/SJ
Sample : K1102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-18(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
unknown6.65	6.65	72.4	ng	2973000	1	6.87	820952	20.0
unknown12.00	12.00	16.9	ng	798353	4	11.40	945086	20.0
unknown12.05	12.05	19.9	ng	941379	4	11.40	945086	20.0
Pentadecane	12.10	12.3	ng	580669	4	11.40	945086	20.0
unknown12.15	12.15	25.0	ng	1183280	4	11.40	945086	20.0
18-Norabietane	12.27	140.9	ng	6658990	4	11.40	945086	20.0
4b,8-Dimethyl-2-i...	12.35	22.4	ng	1057960	4	11.40	945086	20.0
Retene	13.16	257.2	ng	18816300	5	14.04	1463170	20.0
16-Octadecenal	13.67	11.8	ng	859469	5	14.04	1463170	20.0
Heneicosane	13.90	122.7	ng	8977430	5	14.04	1463170	20.0
Docosane, 9-butyl-	14.21	108.1	ng	7907380	5	14.04	1463170	20.0
1,19-Eicosadiene	14.32	14.7	ng	1072680	5	14.04	1463170	20.0
Heptadecane	14.52	111.9	ng	8183210	5	14.04	1463170	20.0
Heptadecane, 9-oc...	14.82	25.8	ng	6395480	6	15.53	4962130	20.0
Tetracosane	15.17	26.3	ng	6520760	6	15.53	4962130	20.0