LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

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-BF071219.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	2.204	14	20	26	rVB	217527	273143	6.56%	0.698%
2	5.504	576	581	599	rBV	1909000	1914585	45.96%	4.893%
3	6.510	747	752	765	rVB	2736977	2776026	66.65%	7.095%
4	6.651	771	776	779	rBV	2657307	2452160	58.87%	6.267%
5	6.710	783	786	800	rVB	35013	68921	1.65%	0.176%
6	6.881	811	815	818	rBV	1485069	1227427	29.47%	3.137%
7	7.034	837	841	845	rBV	1794303	1704537	40.92%	4.357%
8	7.439	904	910	913	rBV	1933253	1821412	43.73%	4.655%
9	8.163	1028	1033	1036	rBV	1919896	1614998	38.77%	4.128%
10	9.239	1210	1216	1219	rBV	4598441	4165340	100.00%	10.646%
11	9.627	1278	1282	1291	rVB	552043	451833	10.85%	1.155%
12	9.775	1301	1307	1313	rBV	42011	43705	1.05%	0.112%
13	9.916	1324	1331	1335	rBV	1930580	1849099	44.39%	4.726%
14	10.704	1461	1465	1469	rBV	2507106	2548727	61.19%	6.514%
15	11.404	1580	1584	1586	rBV	1882823	1574093	37.79%	4.023%
16	11.427	1586	1588	1591	rVB	225037	172572	4.14%	0.441%
17	11.904	1664	1669	1670	rBV2	57403	78691	1.89%	0.201%
18	11.933	1670	1674	1681	rVV	1062153	1004951	24.13%	2.569%
19	12.016	1685	1688	1690	rBV2	66901	61139	1.47%	0.156%
20	12.457	1759	1763	1765	rBV	44433	47383	1.14%	0.121%
21	12.592	1783	1786	1787	rBV	77939	62039	1.49%	0.159%
22	12.616	1787	1790	1795	rVB	573880	496620	11.92%	1.269%
23	12.716	1804	1807	1810	rBV2	400907	367783	8.83%	0.940%
24	12.751	1810	1813	1820	rVB4	65645	102266	2.46%	0.261%
25	12.845	1824	1829	1832	rBV	512729	483988	11.62%	1.237%
26	12.992	1849	1854	1857	rVB	3935779	3907685	93.81%	9.988%
27	13.063	1862	1866	1870	rBV2	38257	56915	1.37%	0.145%
28	13.174	1882	1885	1888	rVB	76480	74247	1.78%	0.190%
29	13.274	1899	1902	1905	rVB2	51558	52878	1.27%	0.135%
30	13.680	1968	1971	1976	rVB	70931	75944	1.82%	0.194%
31	13.792	1986	1990	1992	rBV3	40200	48324	1.16%	0.124%
32	13.886	2003	2006	2010	rVB	84695	78448	1.88%	0.201%
33	13.933	2010	2014	2022	rBV3	130165	320054	7.68%	0.818%
34	14.045	2025	2033	2035	rBV2	1233010	1404133	33.71%	3.589%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.068	2035	2037	2040	rVB	240066	179990	4.32%	0.460%
36	14.204	2058	2060	2063	rVB	70898	55974	1.34%	0.143%
37	14.510	2108	2112	2117	rBV2	202224	208932	5.02%	0.534%
38	14.668	2136	2139	2143	rBV	103644	98191	2.36%	0.251%
39	14.821	2161	2165	2169	rBV	201398	204705	4.91%	0.523%
40	14.898	2174	2178	2185	rBV	303949	349128	8.38%	0.892%
41	14.962	2186	2189	2193	rBV	216841	215743	5.18%	0.551%
42	15.086	2206	2210	2213	rBV	231505	338601	8.13%	0.865%
43	15.162	2219	2223	2226	rBV	379083	396576	9.52%	1.014%
44	15.192	2226	2228	2232	rVB	42716	45512	1.09%	0.116%
45	15.245	2232	2237	2250	rBV6	145354	543126	13.04%	1.388%
46	15.392	2258	2262	2268	rVB	134353	176663	4.24%	0.452%
47	15.451	2268	2272	2278	rBV	167515	208275	5.00%	0.532%
48	15.515	2279	2283	2286	rVV	692535	931644	22.37%	2.381%
49	15.545	2286	2288	2295	rVB	242775	286074	6.87%	0.731%
50	15.751	2318	2323	2329	rVB	140401	205576	4.94%	0.525%
51	15.986	2358	2363	2371	rVB	339651	512582	12.31%	1.310%
52	16.498	2446	2450	2456	rVB2	79796	125782	3.02%	0.321%
53	16.792	2495	2500	2505	rBV2	71979	136323	3.27%	0.348%
54	16.998	2530	2535	2545	rVB2	85474	168254	4.04%	0.430%
55	17.439	2607	2610	2621	rVB	74685	155088	3.72%	0.396%
56	18.639	2810	2814	2827	rVB5	75225	200692	4.82%	0.513%

Sum of corrected areas: 39125497

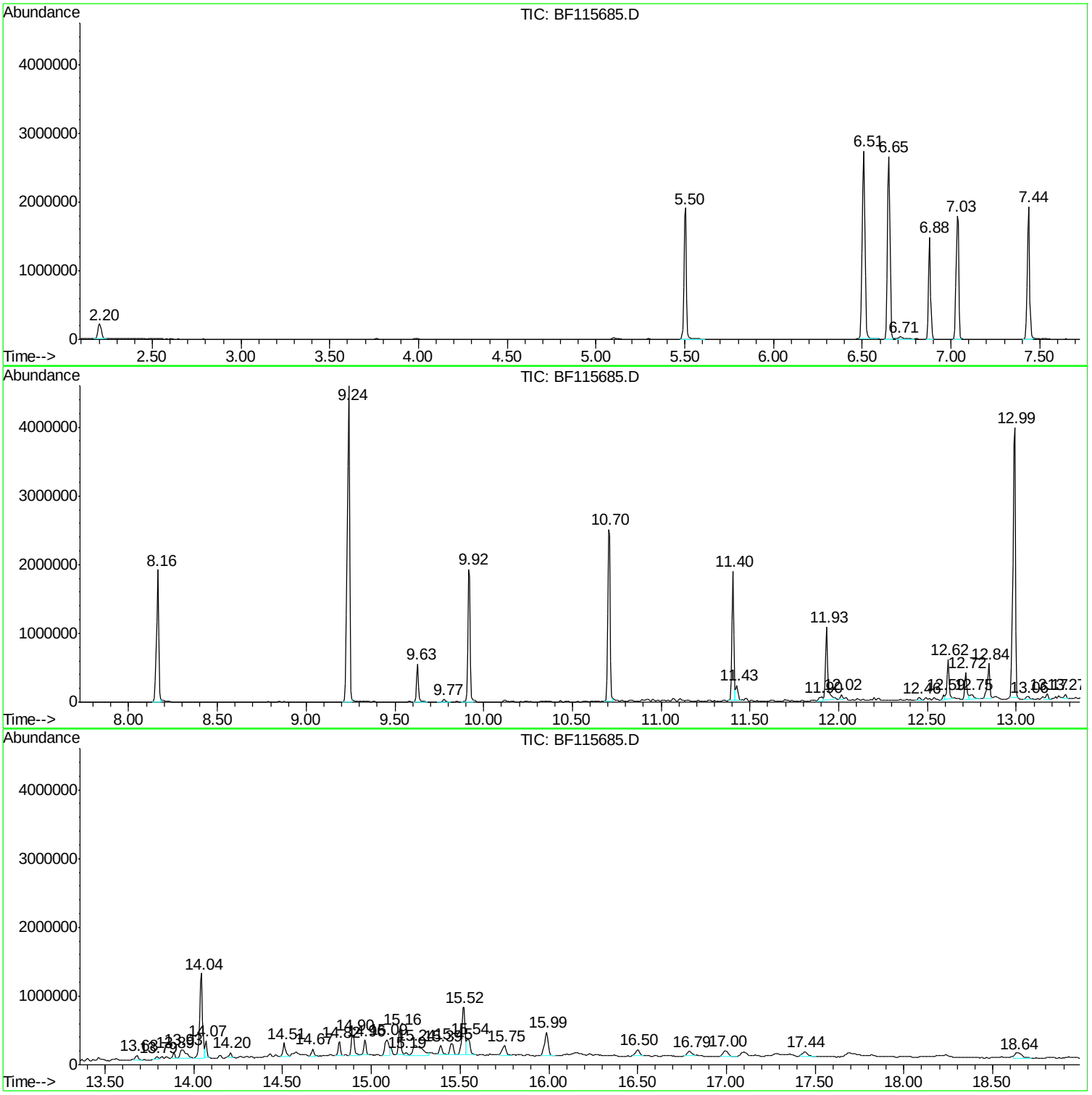
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

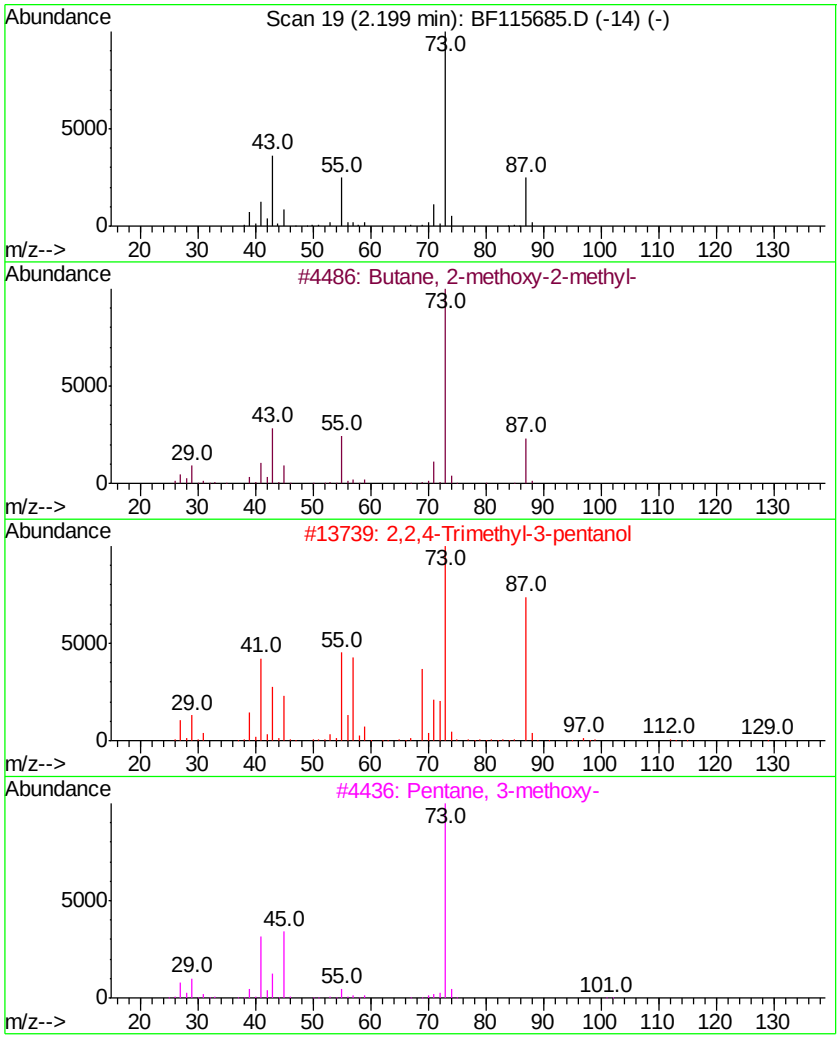
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

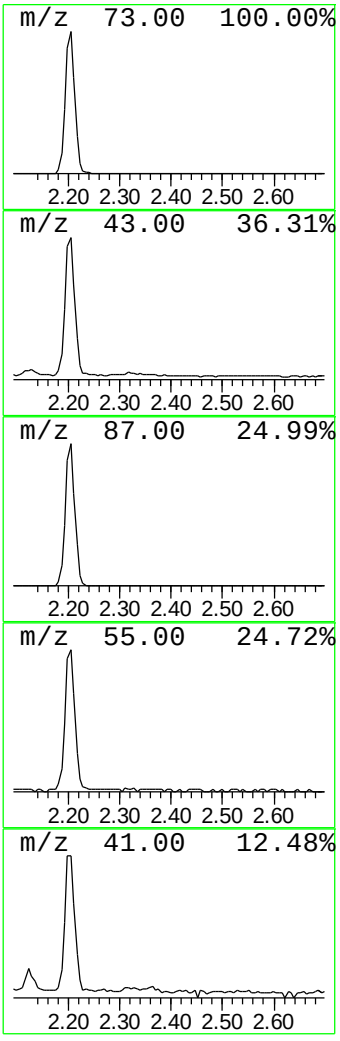
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	4.45 ng	273143	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

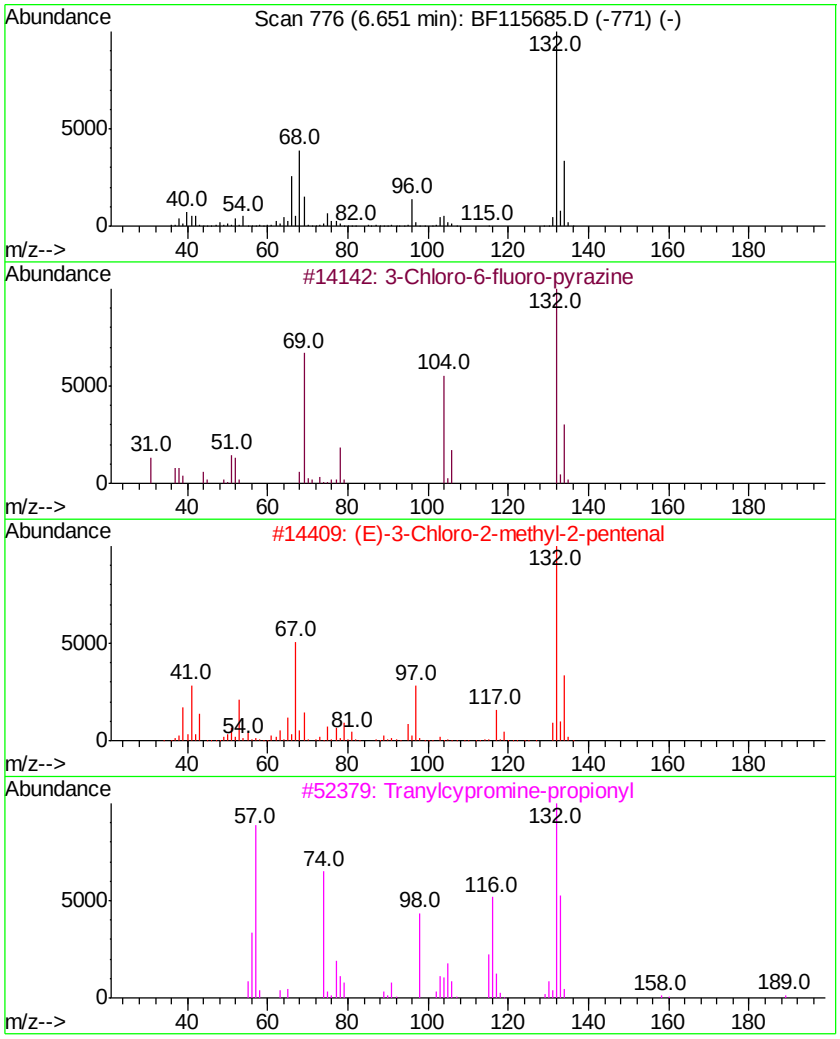
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

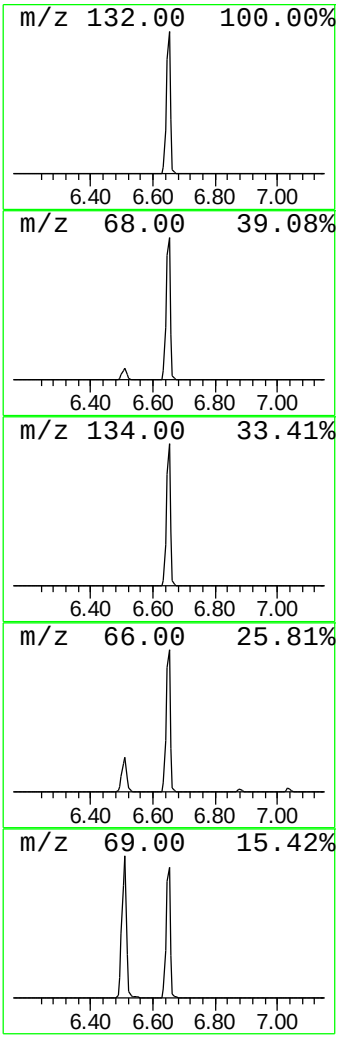
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	39.96 ng	2452160	1,4-Dichlorobenzene-d4	6.88

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

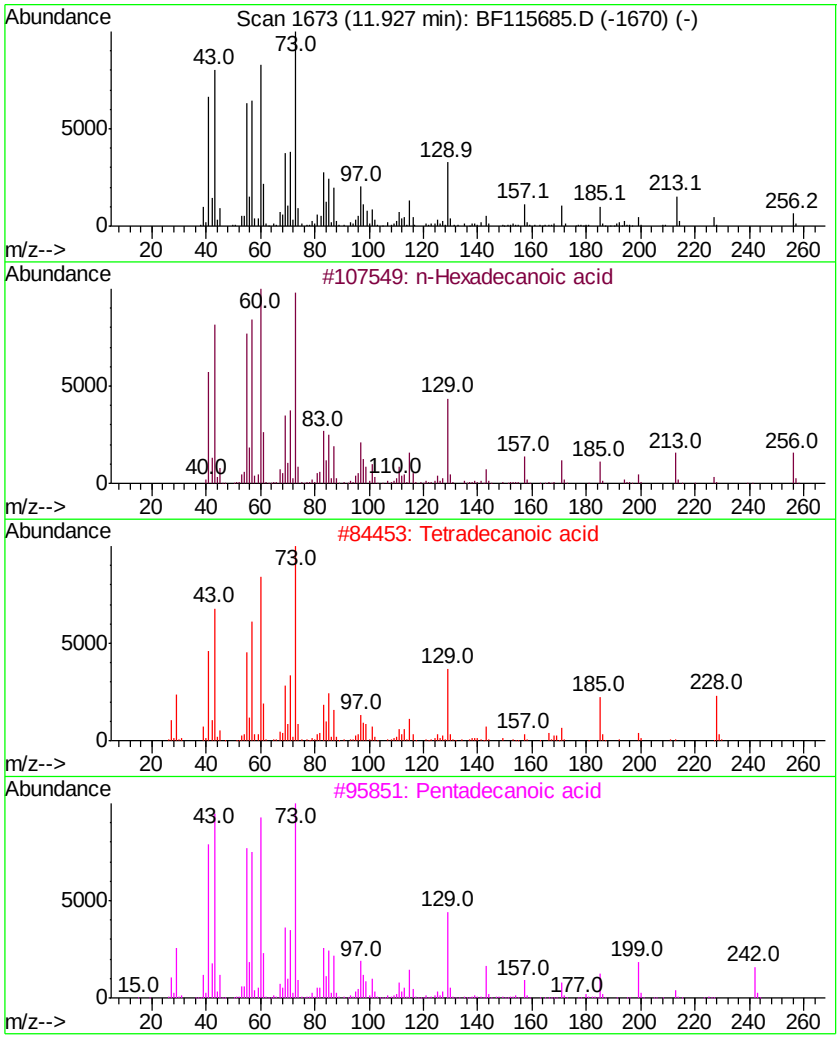
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

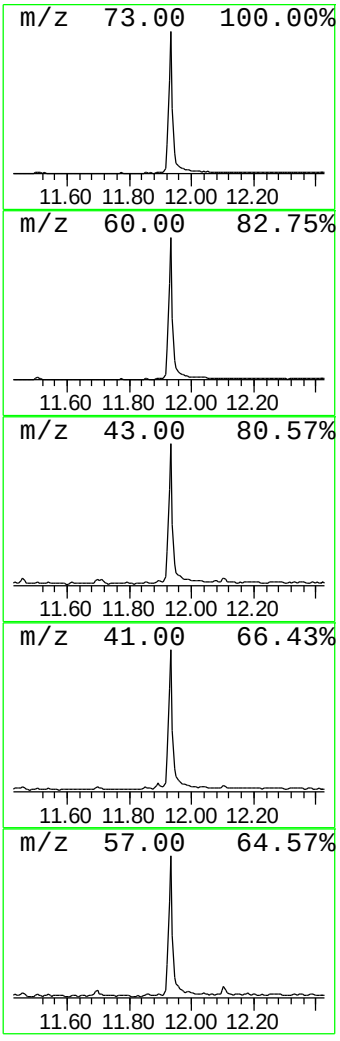
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	12.77 ng	1004950	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

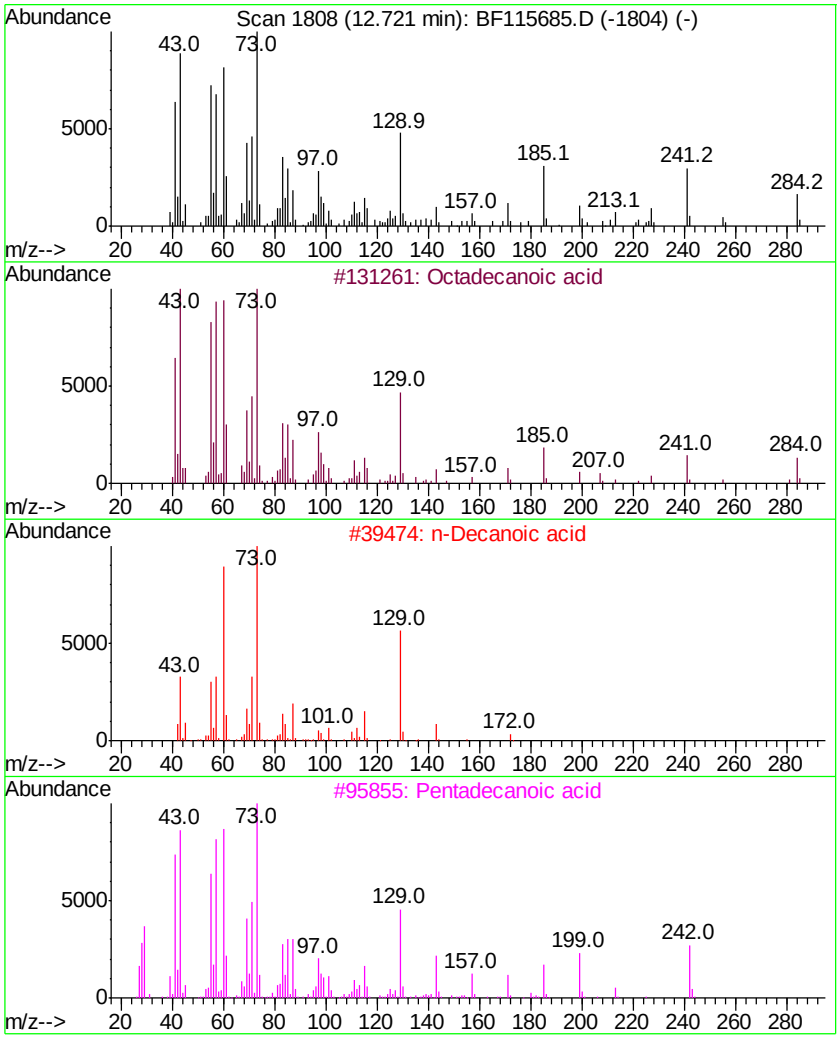
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

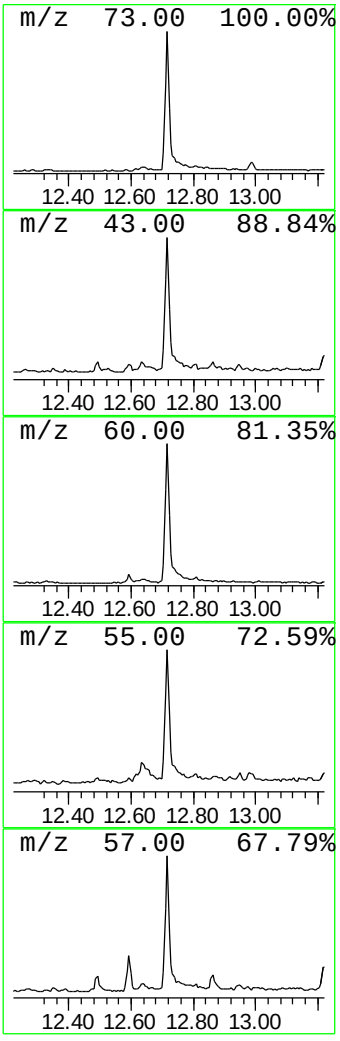
****

Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.67 ng	367783	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

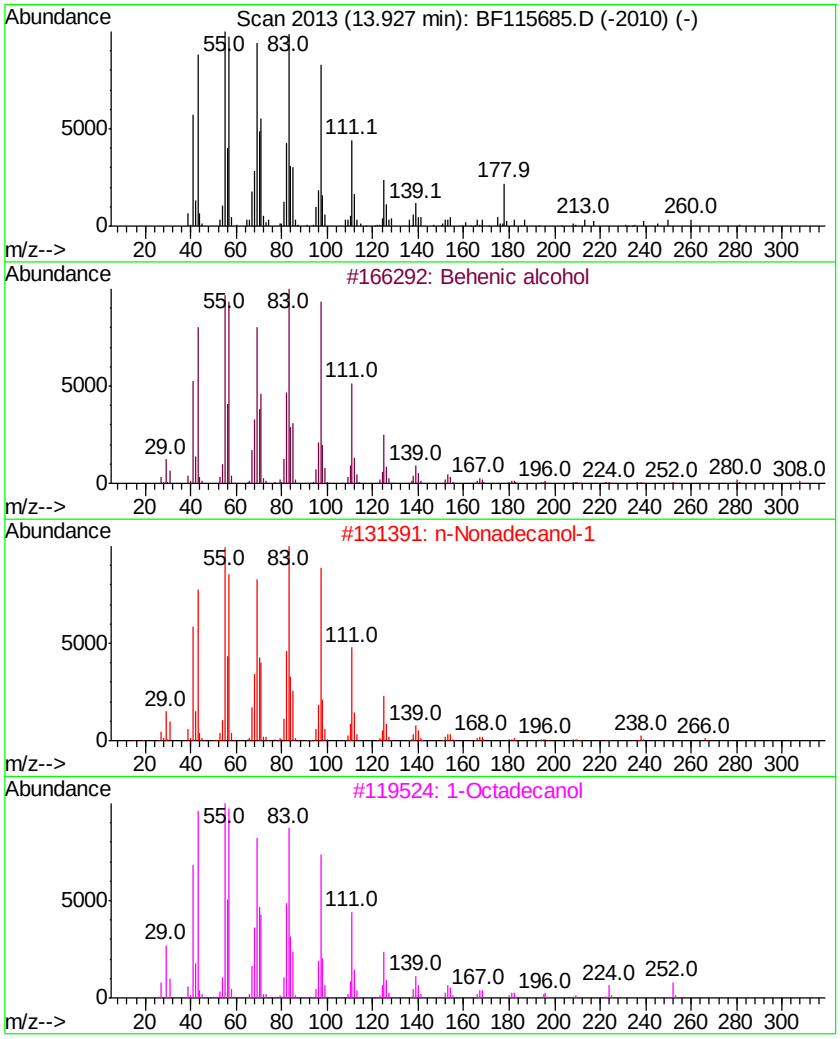
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

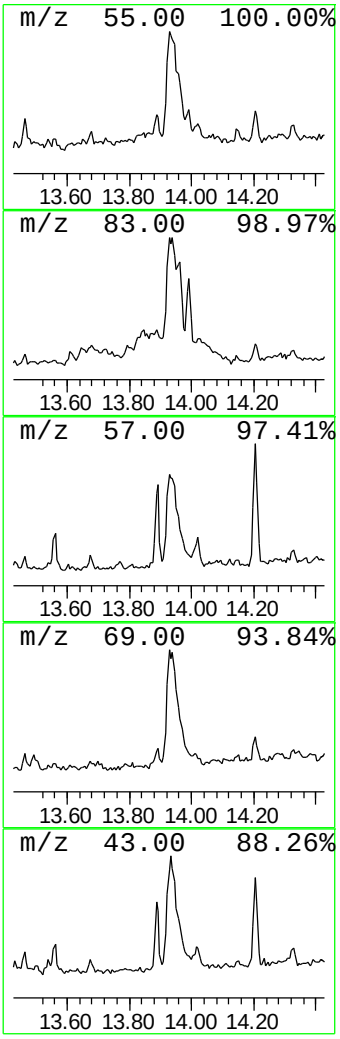
****

Peak Number 6 Behenic alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	4.56 ng	320054	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Octadecanol	270	C18H38O	000112-92-5	95
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

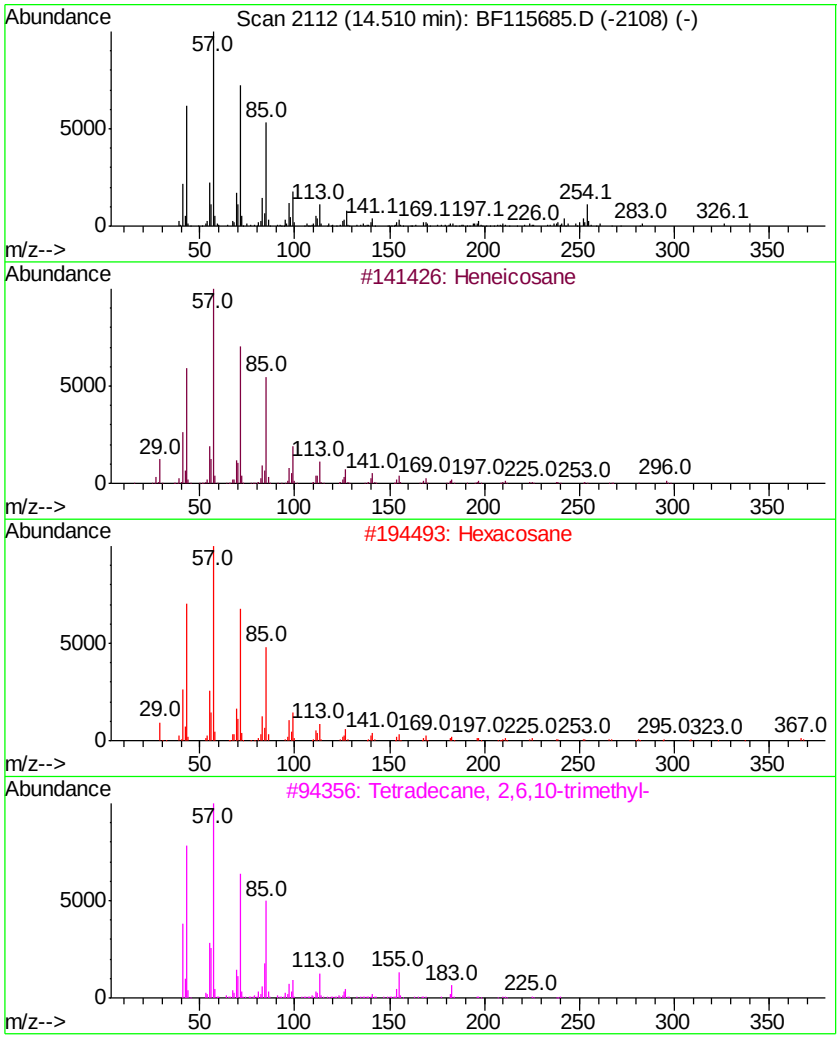
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

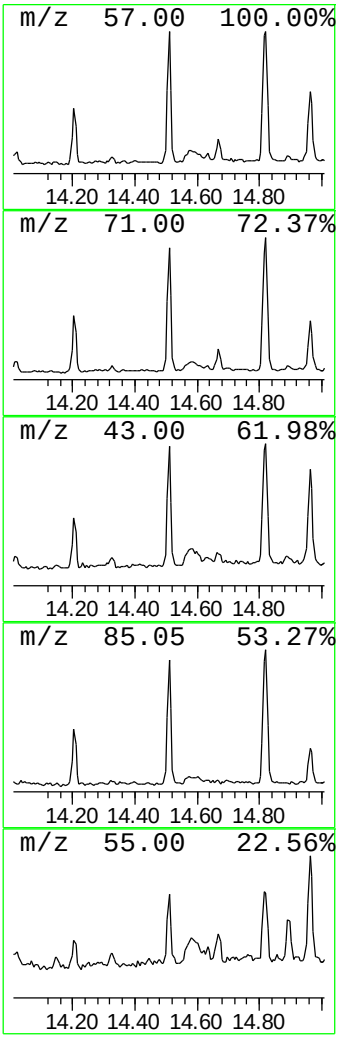
****

Peak Number 7 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.98 ng	208932	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
4	Triacontane	422	C30H62	000638-68-6	80
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

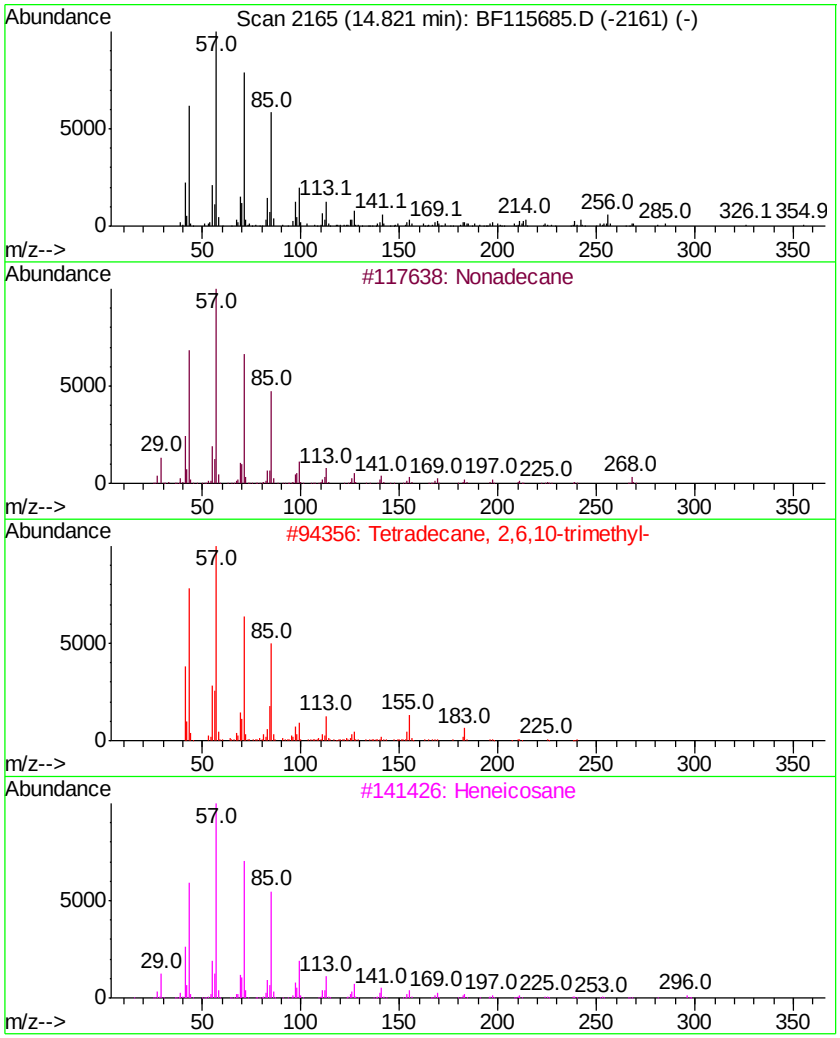
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

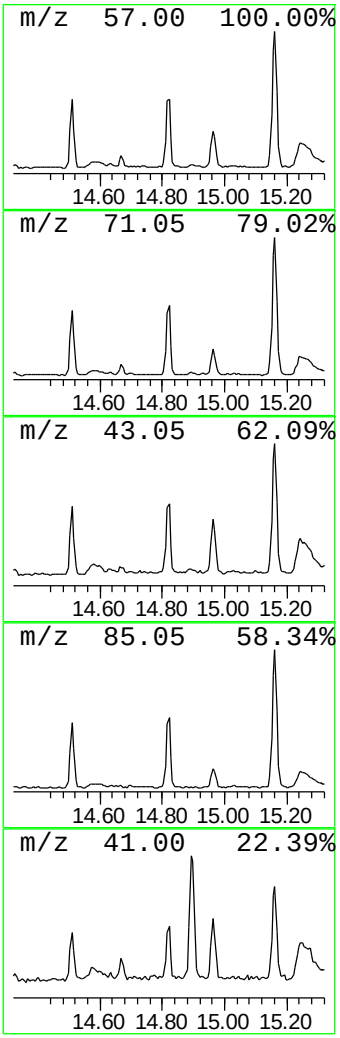
****

Peak Number 8 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.39 ng	204705	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Pentacosane	352	C25H52	000629-99-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

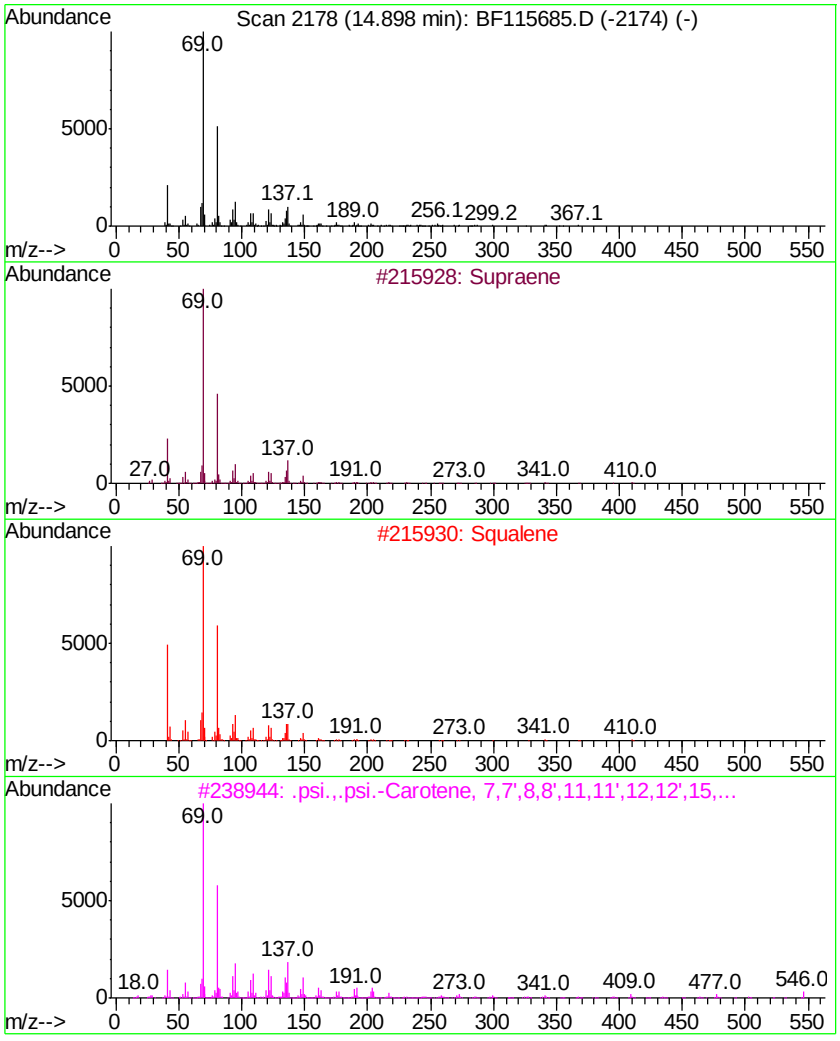
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

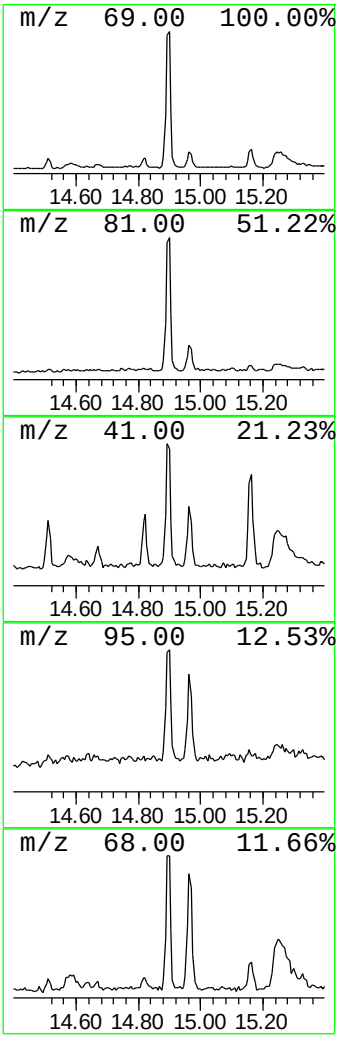
****

Peak Number 9 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	7.49 ng	349128	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
5	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

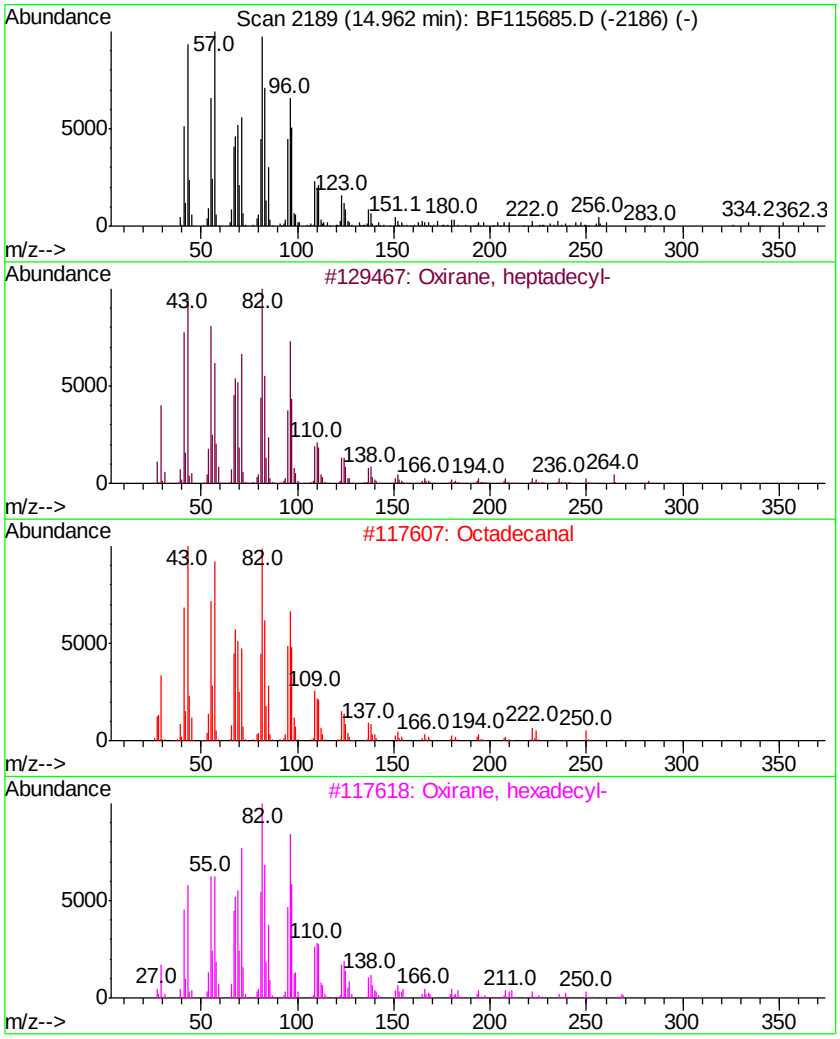
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

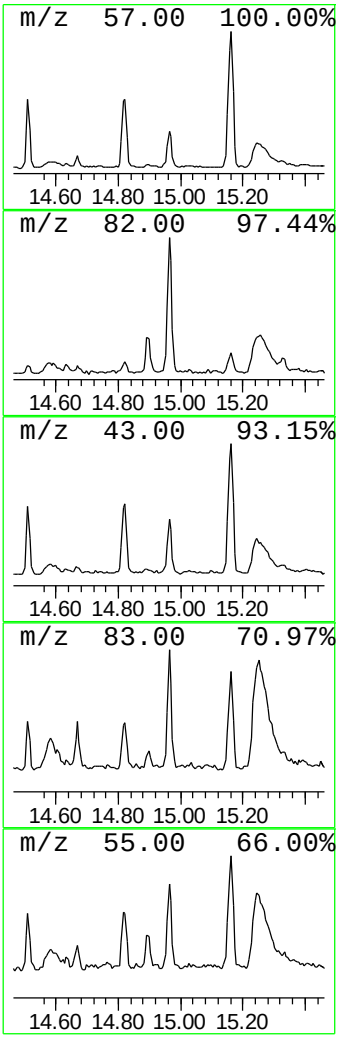
****

Peak Number 10 Oxirane, heptadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.63 ng	215743	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Tetracosanal	352	C24H48O	057866-08-7	91
5	16-Octadecenal	266	C18H34O	056554-87-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

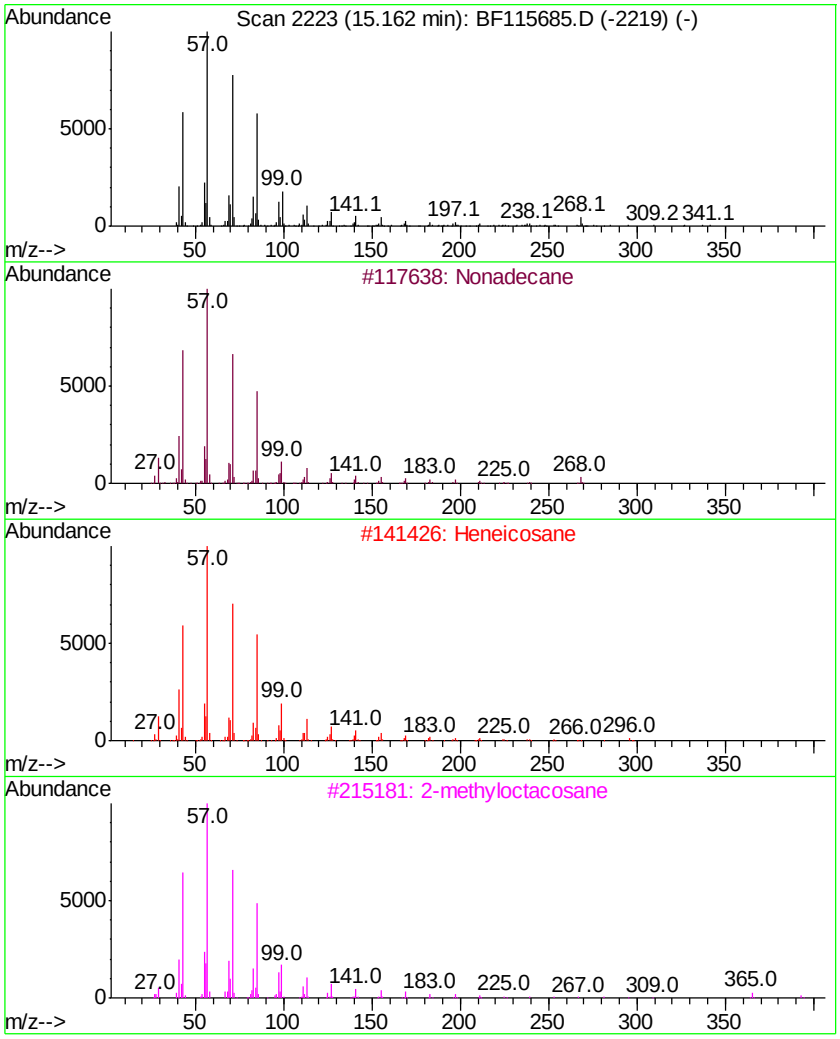
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

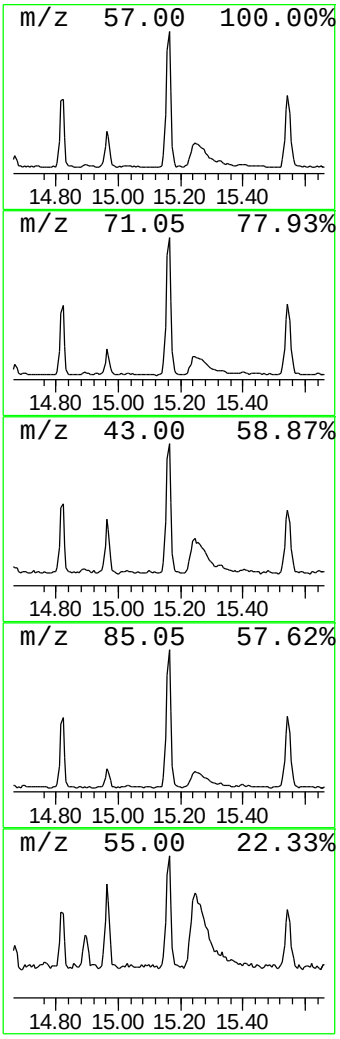
****

Peak Number 11 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	8.51 ng	396576	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

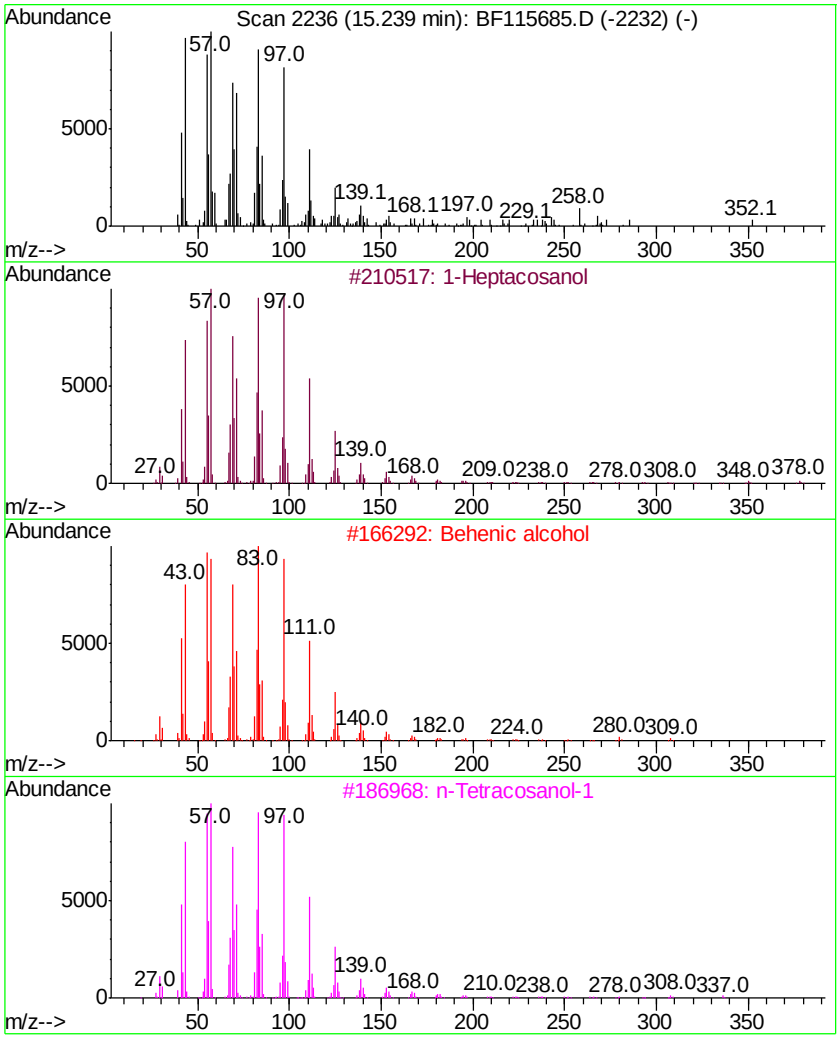
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

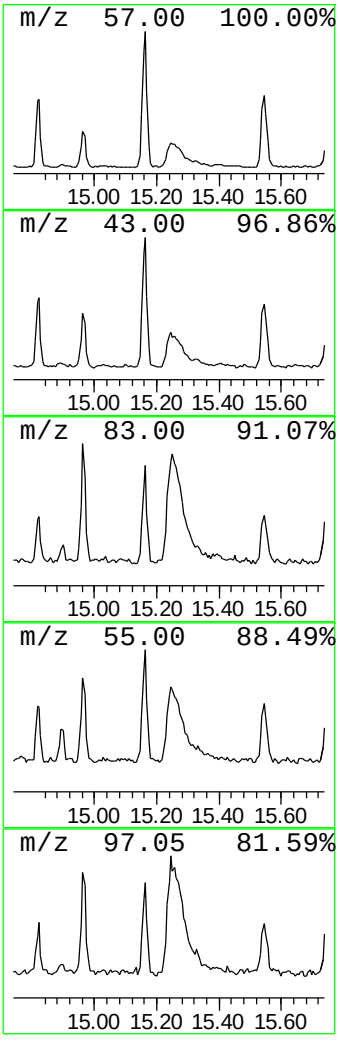
****

Peak Number 12 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	11.66 ng	543126	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Octacosanol	410	C28H58O	000557-61-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

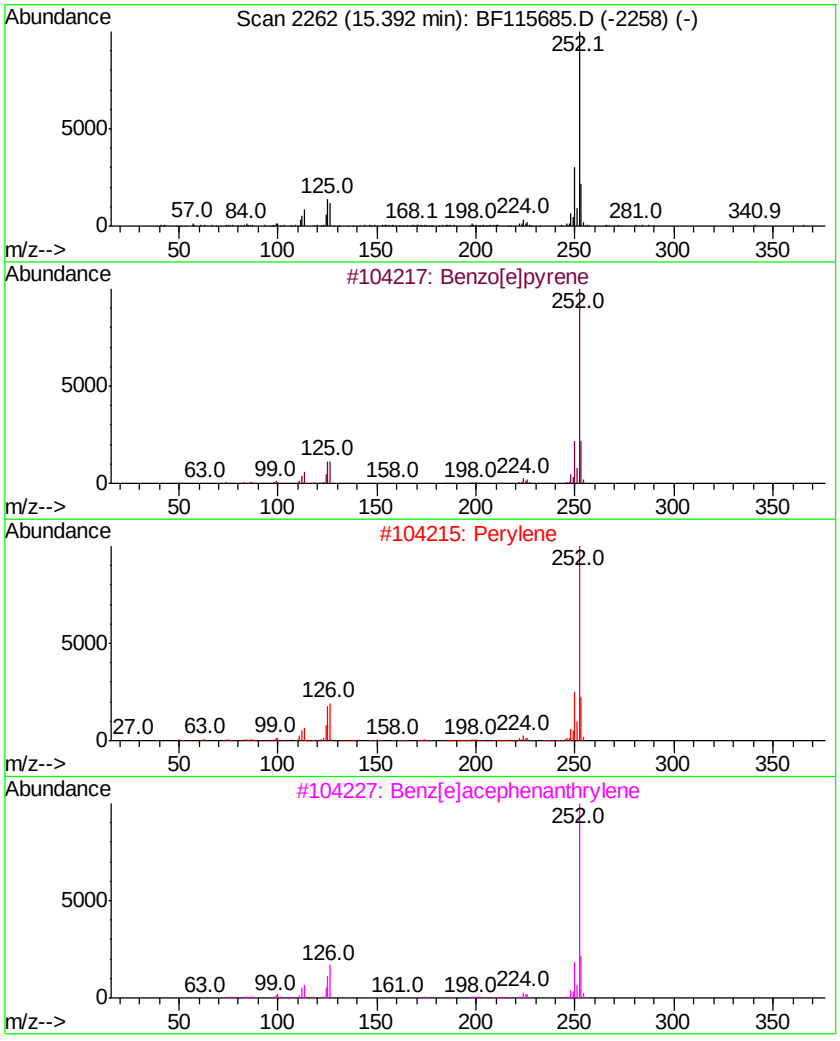
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

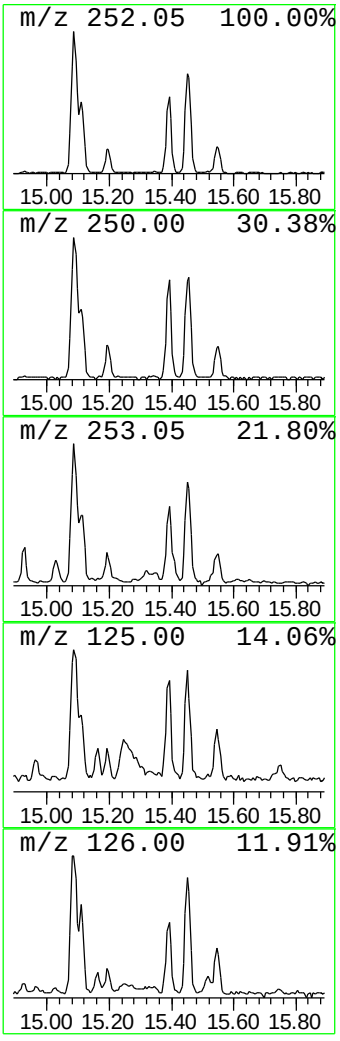
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	3.79 ng	176663	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

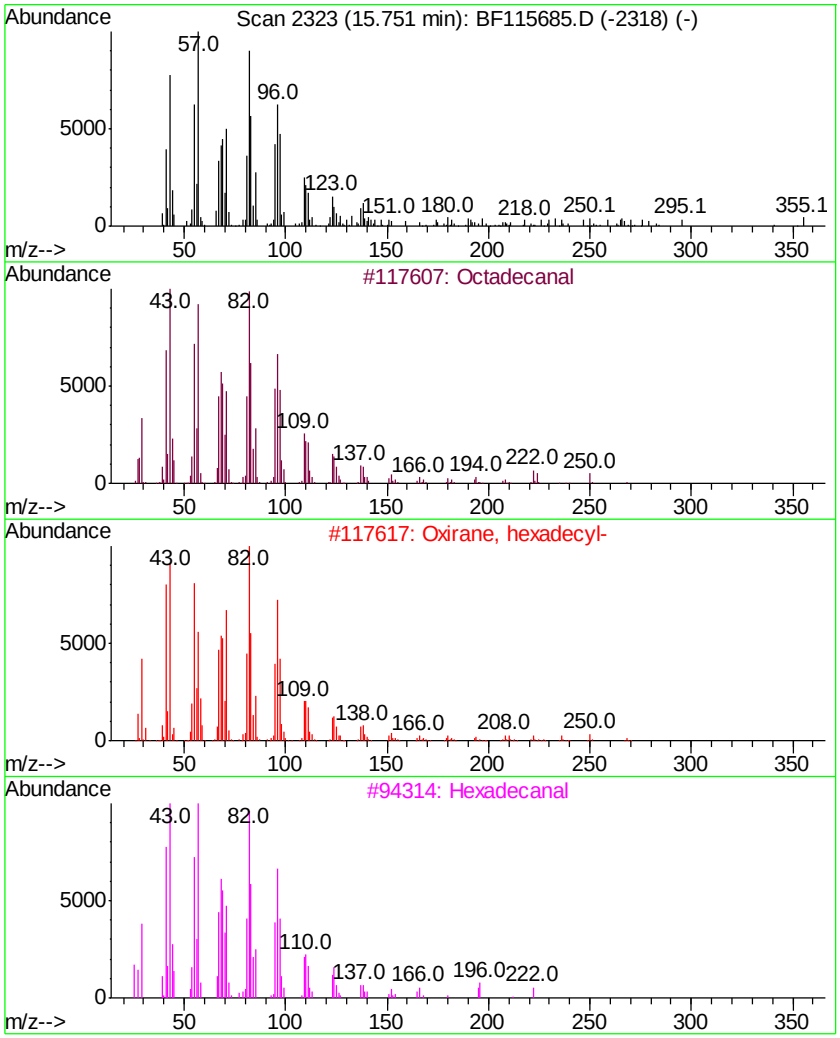
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

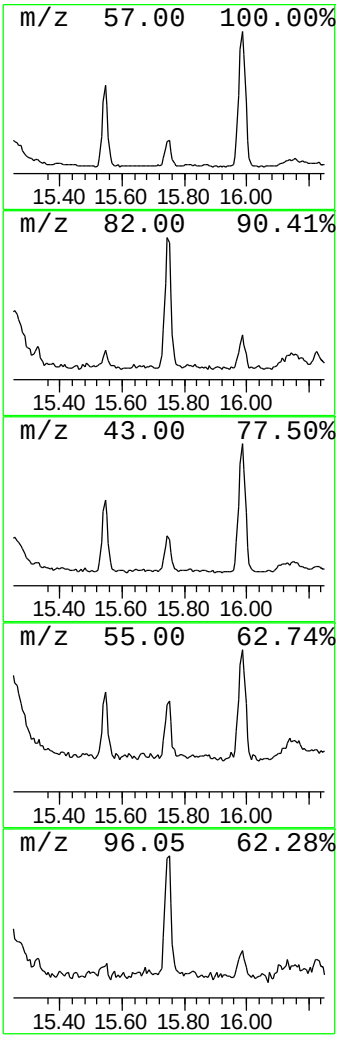
****

Peak Number 14 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	4.41 ng	205576	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	Hexadecanal	240	C16H32O	000629-80-1	87
4	Tetradecanal	212	C14H28O	000124-25-4	86
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

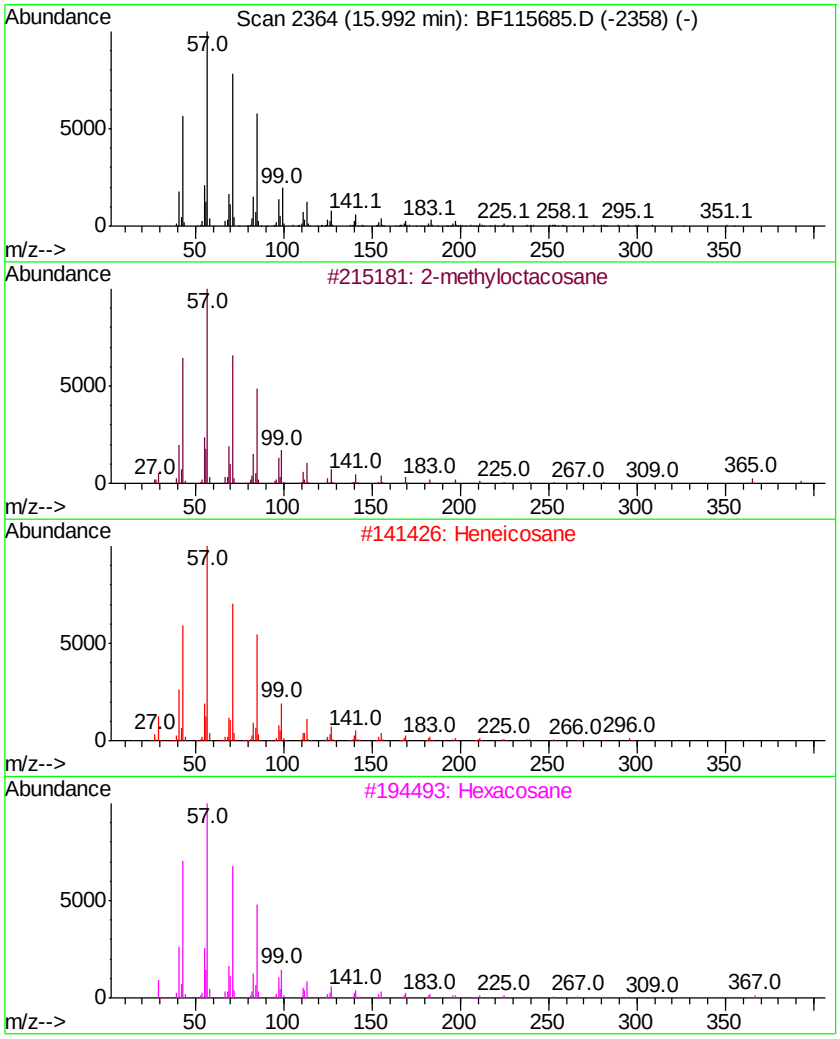
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

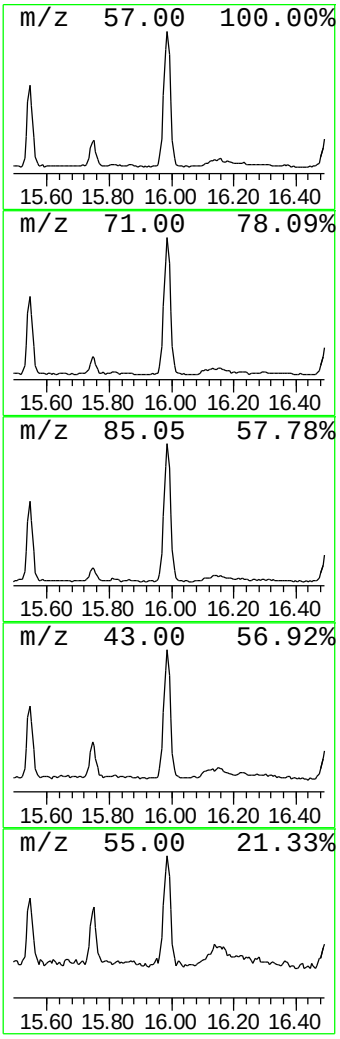
****

Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	11.00 ng	512582	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

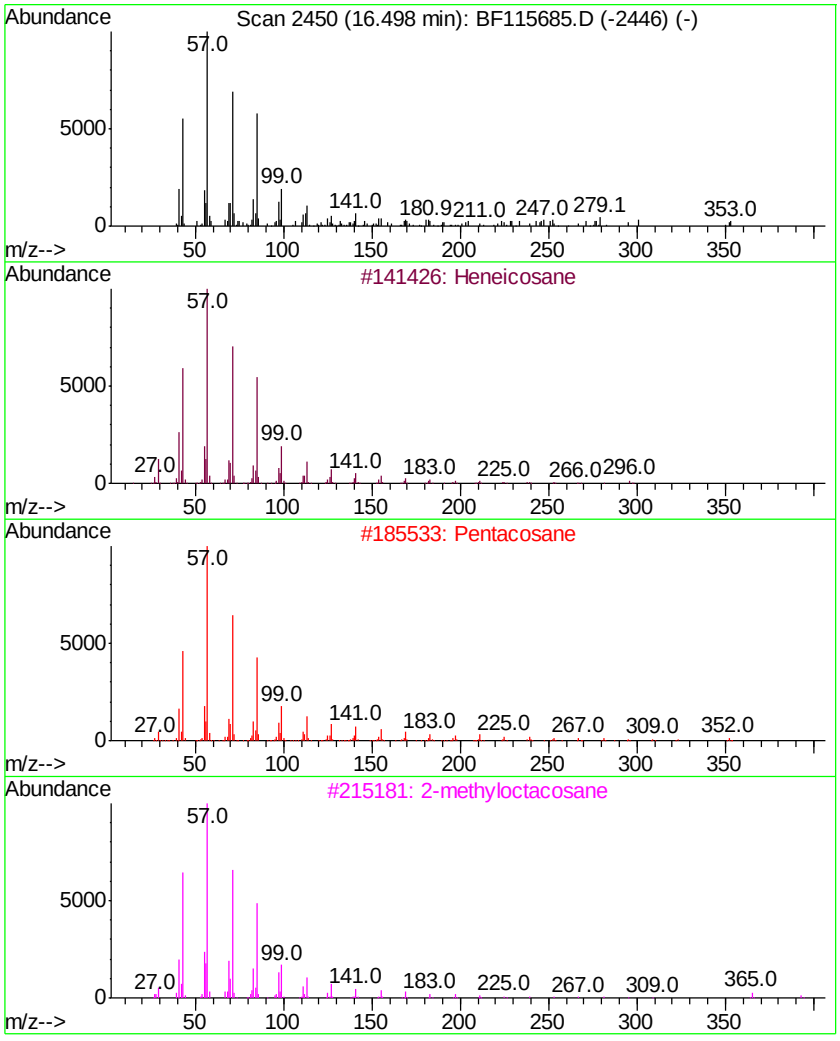
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

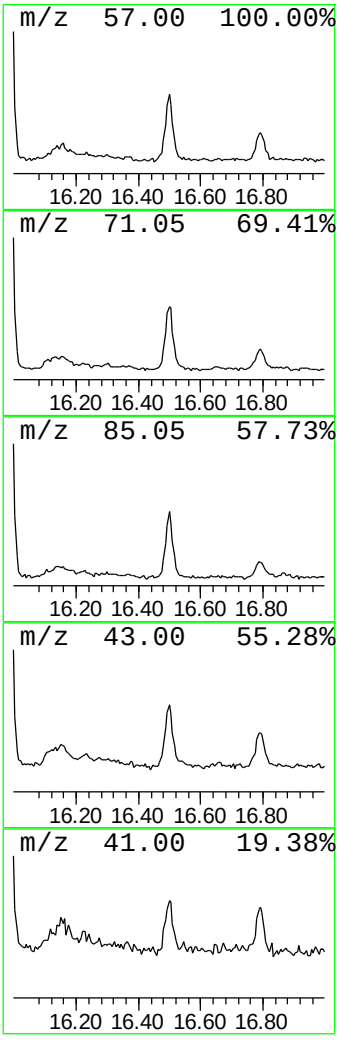
****

Peak Number 16 Pentacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.70 ng	125782	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Pentacosane	352	C25H52	000629-99-2	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5	Hexacosane	366	C26H54	000630-01-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

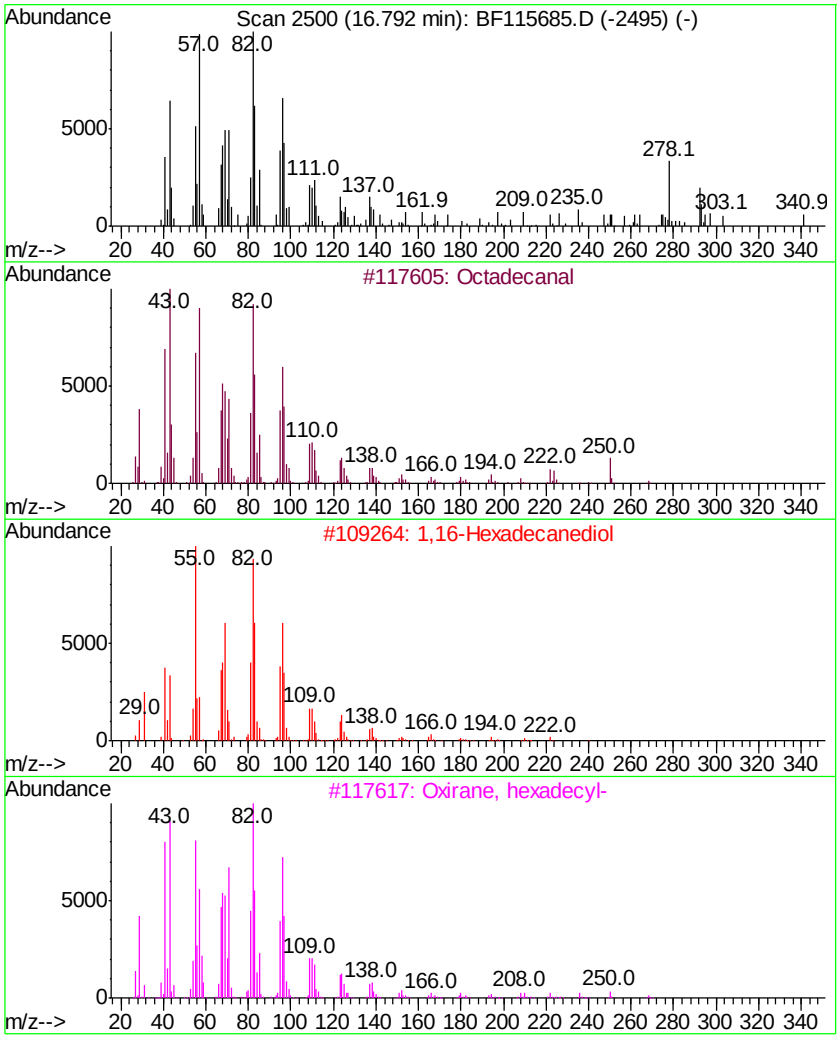
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

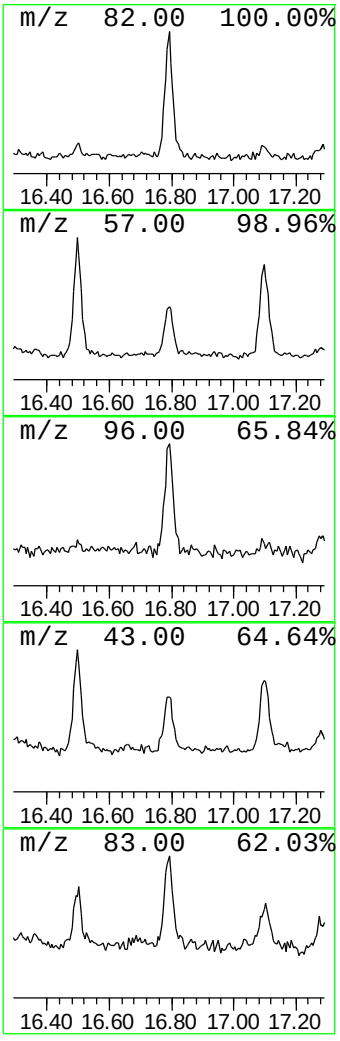
****

Peak Number 17 1,16-Hexadecanediol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.93 ng	136323	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	74
2	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	74
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	74
4	1,19-Eicosadiene	278	C20H38	014811-95-1	74
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

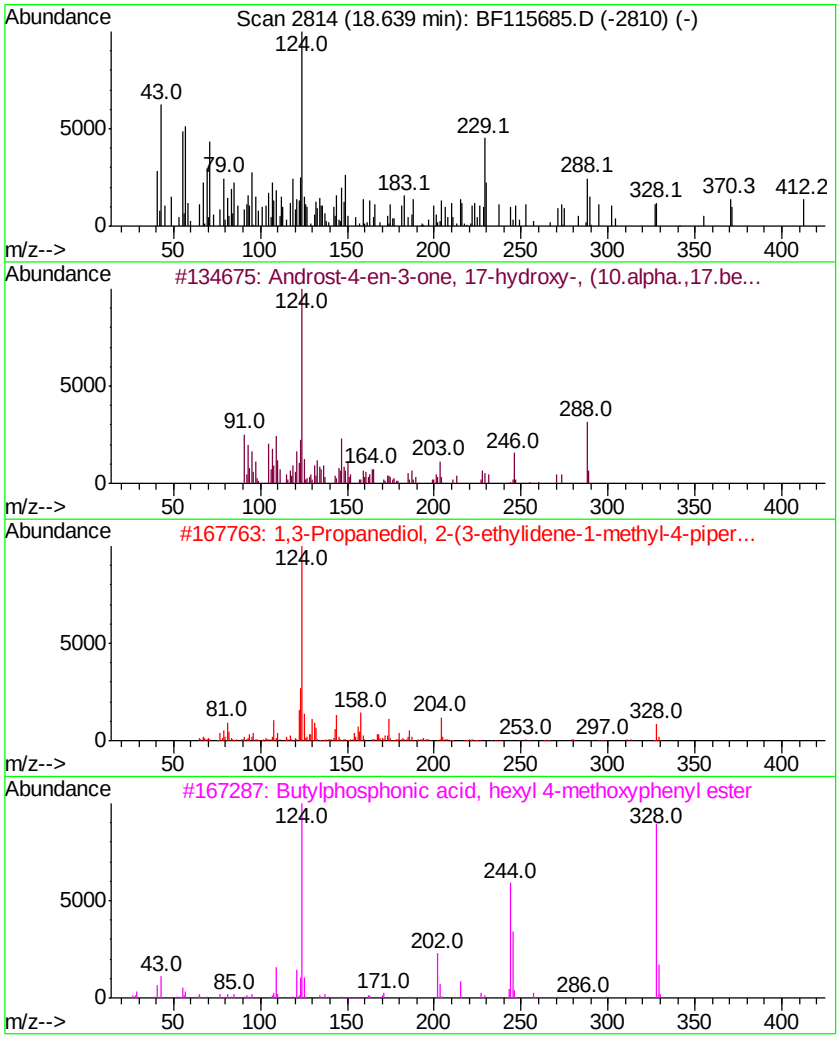
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

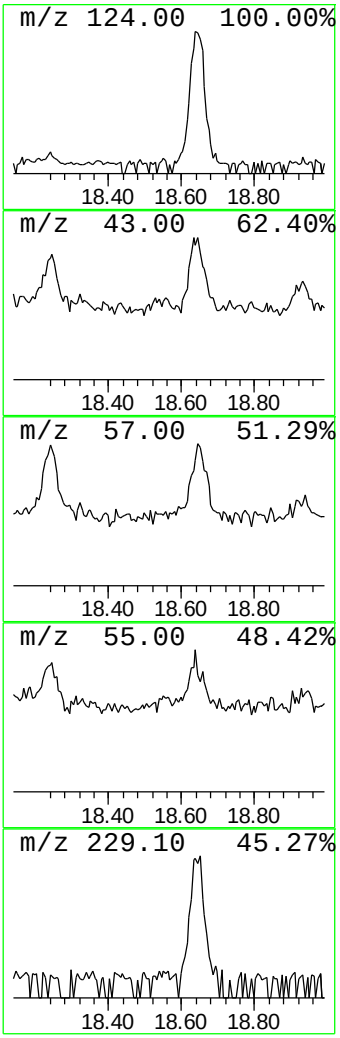
****

Peak Number 18 Androst-4-en-3-one, 17-hydr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	4.31 ng	200692	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	60
2	1,3-Propanediol, 2-(3-ethylidene...	328	C20H28N2O2	001850-32-4	38
3	Butylphosphonic acid, hexyl 4-me...	328	C17H29O4P	1000322-98-2	27
4	2,3-Dihydrooxazole-3-carboxylic ...	257	C13H23NO4	116842-25-2	25
5	2-Ethylbutyric acid, 3-methoxyph...	222	C13H18O3	1000370-87-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071919\
Data File : BF115685.D
Acq On : 19 Jul 2019 21:22
Operator : HP/JU
Sample : K3881-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-SB-C-1-071719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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
Butane, 2-methoxy...	2.20	4.5	ng	273143	1	6.88	1227430	20.0
unknown6.65	6.65	40.0	ng	2452160	1	6.88	1227430	20.0
n-Hexadecanoic acid	11.93	12.8	ng	1004950	4	11.40	1574090	20.0
Octadecanoic acid	12.72	4.7	ng	367783	4	11.40	1574090	20.0
Behenic alcohol	13.93	4.6	ng	320054	5	14.04	1404130	20.0
Heneicosane	14.51	3.0	ng	208932	5	14.04	1404130	20.0
Nonadecane	14.82	4.4	ng	204705	6	15.52	931644	20.0
Supraene	14.90	7.5	ng	349128	6	15.52	931644	20.0
Oxirane, heptadecyl-	14.96	4.6	ng	215743	6	15.52	931644	20.0
2-methyloctacosane	15.16	8.5	ng	396576	6	15.52	931644	20.0
1-Heptacosanol	15.24	11.7	ng	543126	6	15.52	931644	20.0
Benzo[e]pyrene	15.39	3.8	ng	176663	6	15.52	931644	20.0
Octadecanal	15.75	4.4	ng	205576	6	15.52	931644	20.0
Heptadecane, 9-oc...	15.99	11.0	ng	512582	6	15.52	931644	20.0
Pentacosane	16.50	2.7	ng	125782	6	15.52	931644	20.0
1,16-Hexadecanediol	16.79	2.9	ng	136323	6	15.52	931644	20.0
Androst-4-en-3-on...	18.64	4.3	ng	200692	6	15.52	931644	20.0