LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143916.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	8	13	23	rVB3	8842	21246	1.05%	0.102%
2	3.963	295	301	307	rBV	13262	20734	1.03%	0.100%
3	5.098	490	494	502	rVB	25674	40145	1.99%	0.193%
4	5.493	555	561	582	rBV	1460093	2013943	99.94%	9.693%
5	6.498	726	732	751	rBV	1474084	1971649	97.84%	9.489%
6	6.881	792	797	802	rBV	482077	589628	29.26%	2.838%
7	7.440	886	892	902	rBV	933869	1204315	59.76%	5.796%
8	7.692	931	935	943	rVB	17451	25920	1.29%	0.125%
9	8.163	1009	1015	1029	rBV	572001	761359	37.78%	3.664%
10	8.381	1048	1052	1059	rVB	15443	21726	1.08%	0.105%
11	9.239	1192	1198	1207	rBV	1548759	2015194	100.00%	9.699%
12	9.922	1305	1314	1318	rBV	564359	753157	37.37%	3.625%
13	9.951	1318	1319	1324	rVB	46311	38019	1.89%	0.183%
14	10.122	1344	1348	1353	rBV	26979	35084	1.74%	0.169%
15	10.328	1380	1383	1393	rVB3	12535	25056	1.24%	0.121%
16	10.469	1403	1407	1412	rVB	37720	46376	2.30%	0.223%
17	10.633	1430	1435	1442	rVB	206868	260994	12.95%	1.256%
18	10.710	1442	1448	1462	rBV	791343	1067025	52.95%	5.136%
19	10.833	1464	1469	1476	rVB7	14314	25638	1.27%	0.123%
20	11.269	1538	1543	1546	rBV5	11407	20591	1.02%	0.099%
21	11.304	1546	1549	1554	rVB	16344	22560	1.12%	0.109%
22	11.410	1562	1567	1575	rVV2	526293	894086	44.37%	4.303%
23	11.486	1576	1580	1583	rVV	36898	51274	2.54%	0.247%
24	11.639	1601	1606	1613	rBV	22890	39753	1.97%	0.191%
25	11.933	1647	1656	1668	rBV3	338502	620419	30.79%	2.986%
26	12.027	1668	1672	1680	rVB	73348	132196	6.56%	0.636%
27	12.110	1682	1686	1689	rBV5	14752	24083	1.20%	0.116%
28	12.210	1699	1703	1705	rBV	20230	27406	1.36%	0.132%
29	12.357	1723	1728	1731	rBV2	24012	34674	1.72%	0.167%
30	12.392	1731	1734	1736	rBV	17712	23750	1.18%	0.114%
31	12.463	1742	1746	1749	rBV	50629	62576	3.11%	0.301%
32	12.498	1749	1752	1758	rVB2	24750	35335	1.75%	0.170%
33	12.551	1758	1761	1764	rBV	26396	30894	1.53%	0.149%
34	12.627	1769	1774	1778	rBV	401669	525310	26.07%	2.528%
35	12.669	1778	1781	1786	rVV3	59020	80948	4.02%	0.390%
36	12.722	1786	1790	1797	rVV3	81868	131350	6.52%	0.632%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.780	1797	1800	1803	rVV	26823	38076	1.89%	0.183%
38	12.857	1807	1813	1819	rVV	348820	548034	27.20%	2.638%
39	12.910	1819	1822	1826	rVB2	54784	73909	3.67%	0.356%
40	12.998	1829	1837	1845	rVB	1466239	1955520	97.04%	9.412%
41	13.074	1845	1850	1857	rBV8	34942	79868	3.96%	0.384%
42	13.180	1866	1868	1872	rVB2	54593	64604	3.21%	0.311%
43	13.251	1877	1880	1883	rVB	34280	35486	1.76%	0.171%
44	13.286	1883	1886	1898	rVB3	58133	111035	5.51%	0.534%
45	13.380	1899	1902	1905	rBV	34316	39648	1.97%	0.191%
46	13.410	1905	1907	1910	rBV2	34164	39960	1.98%	0.192%
47	13.810	1970	1975	1978	rBV4	43236	89263	4.43%	0.430%
48	13.904	1987	1991	2001	rVB3	186957	347697	17.25%	1.673%
49	14.057	2010	2017	2028	rBV2	615760	1174485	58.28%	5.653%
50	14.980	2171	2174	2182	rVB	148662	244367	12.13%	1.176%
51	15.104	2191	2195	2203	rVB	148251	310709	15.42%	1.495%
52	15.180	2204	2208	2210	rVV	73426	102085	5.07%	0.491%
53	15.215	2210	2214	2226	rVB3	164475	362295	17.98%	1.744%
54	15.410	2244	2247	2252	rVB	90824	133425	6.62%	0.642%
55	15.474	2254	2258	2263	rVV	103697	161795	8.03%	0.779%
56	15.539	2264	2269	2281	rVB	457977	805855	39.99%	3.879%
57	15.774	2305	2309	2320	rVB4	78080	136706	6.78%	0.658%
58	16.015	2345	2350	2356	rVB	80398	141337	7.01%	0.680%
59	17.027	2518	2522	2535	rVB2	38102	86785	4.31%	0.418%

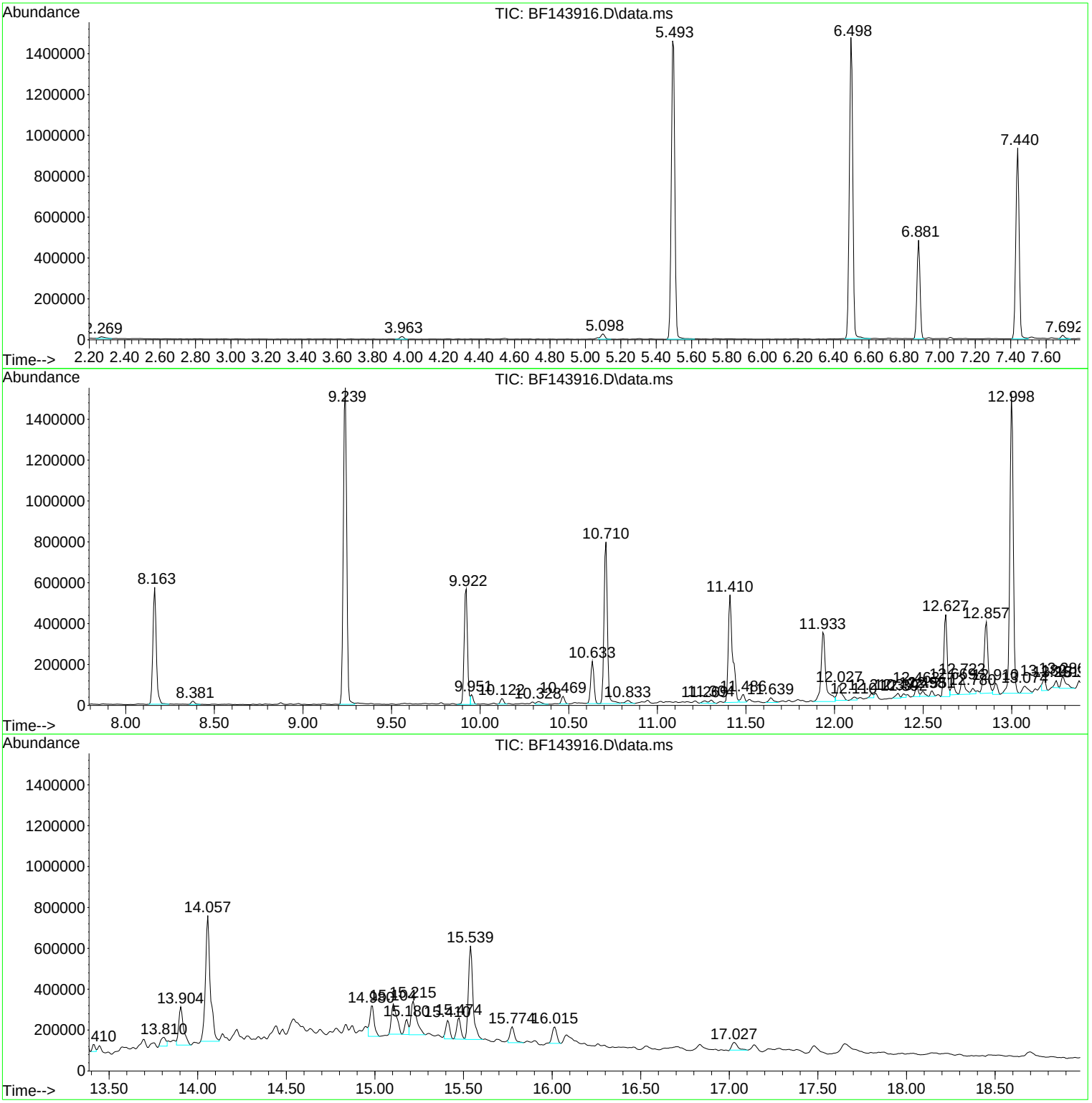
Sum of corrected areas: 20777357

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

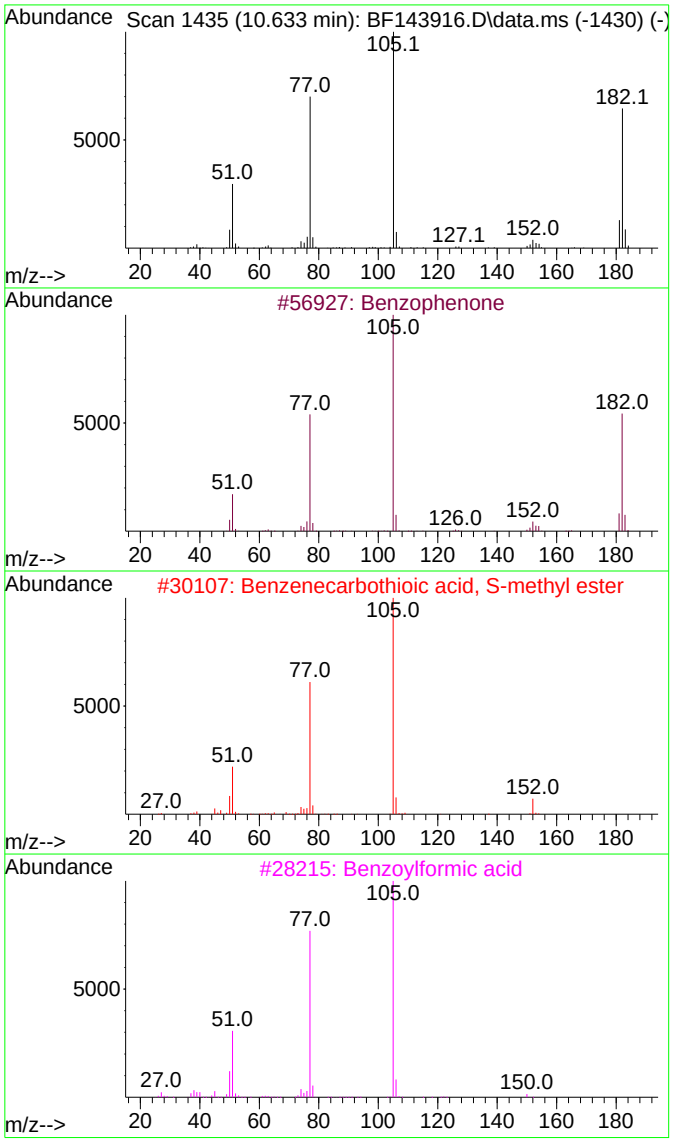
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

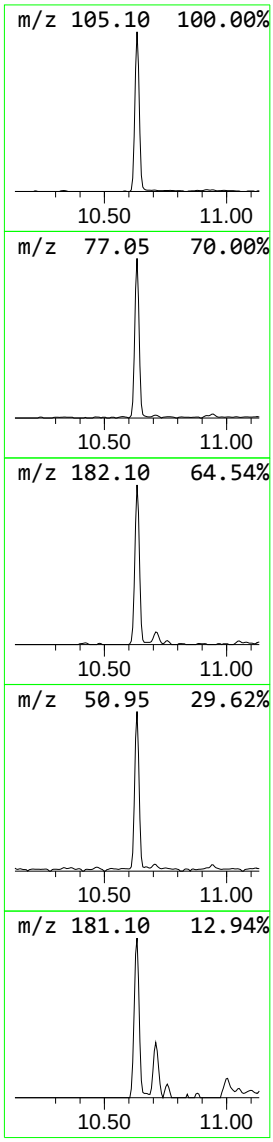
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	6.93 ng	260994	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

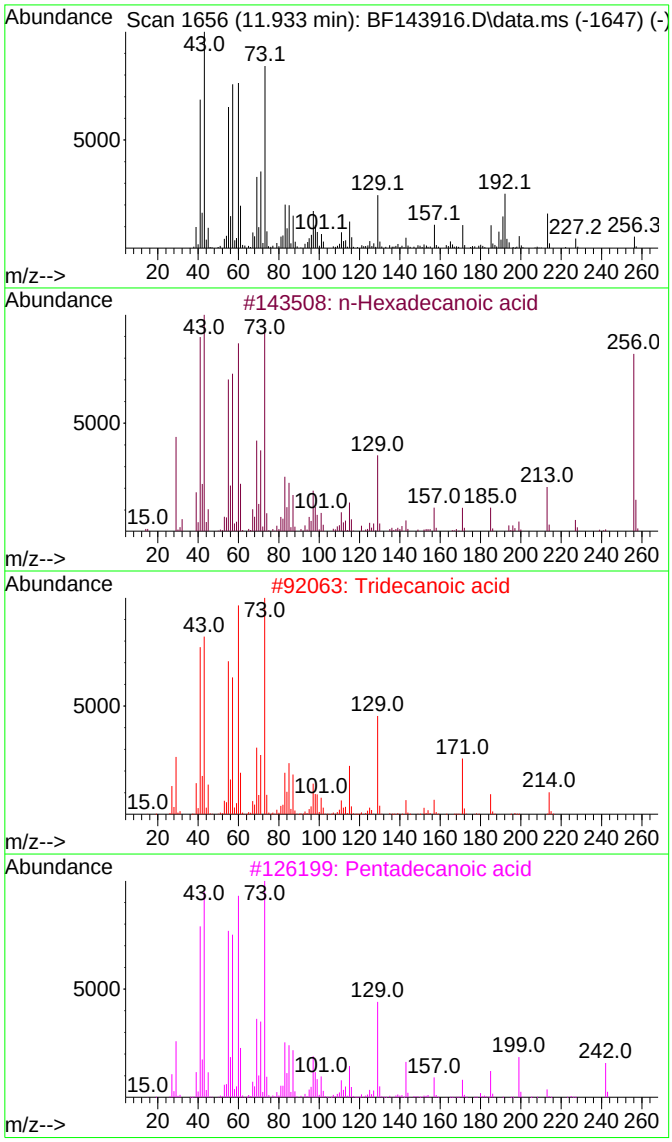
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

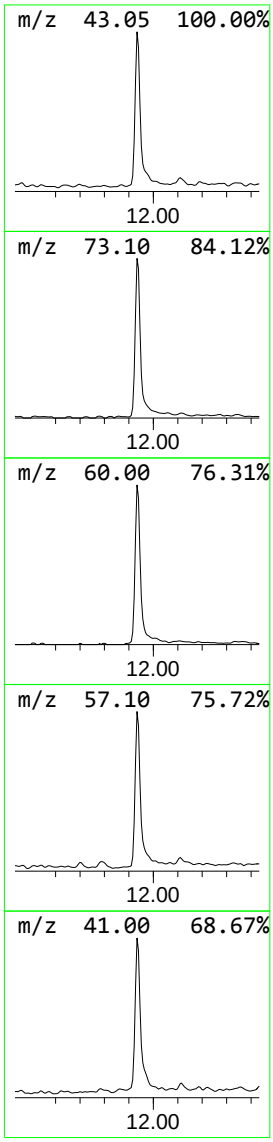
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	13.88 ng	620419	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

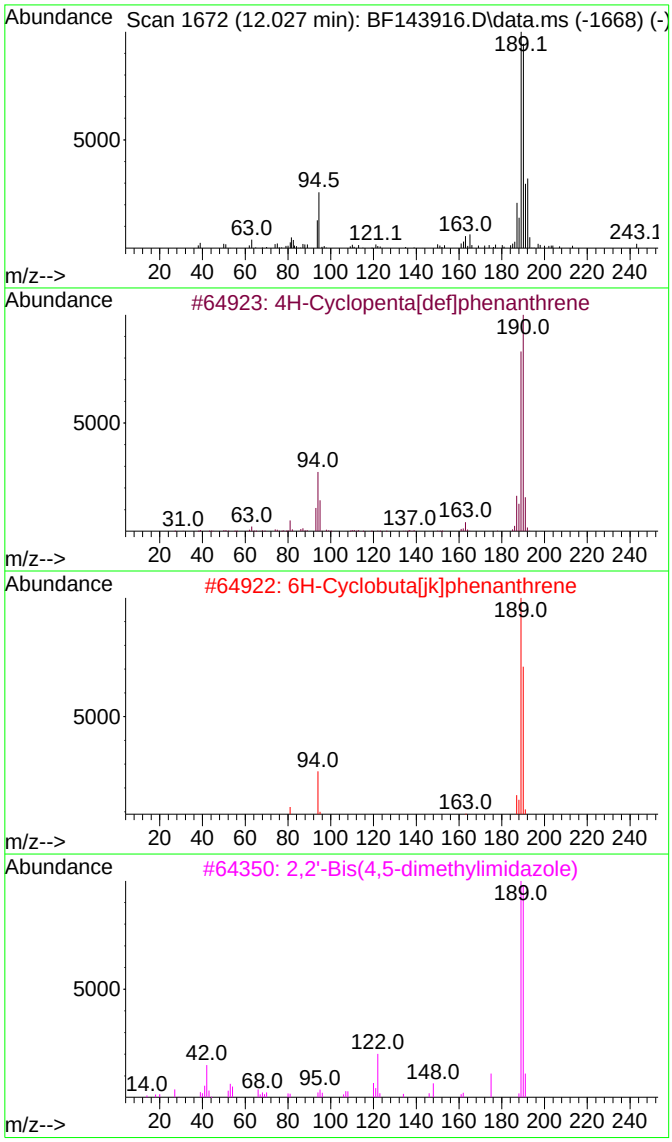
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

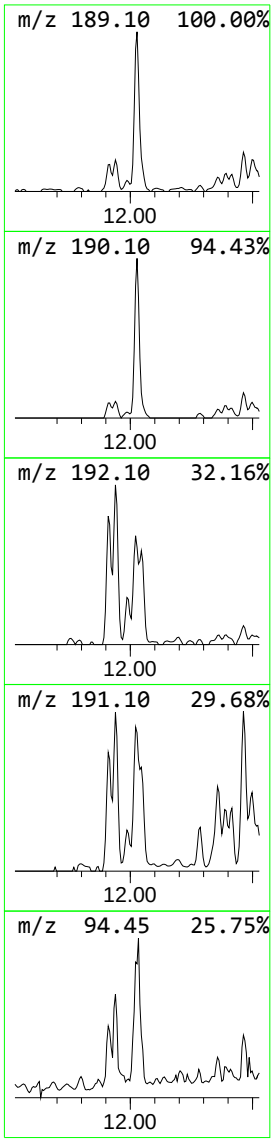
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	2.96 ng	132196	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

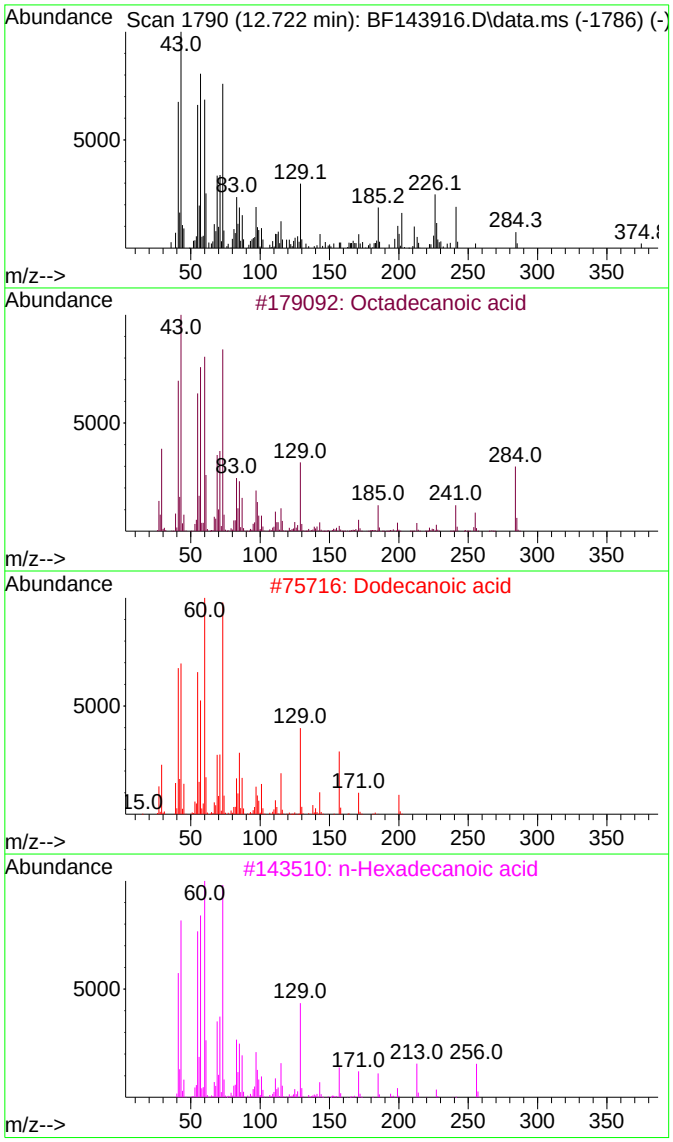
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

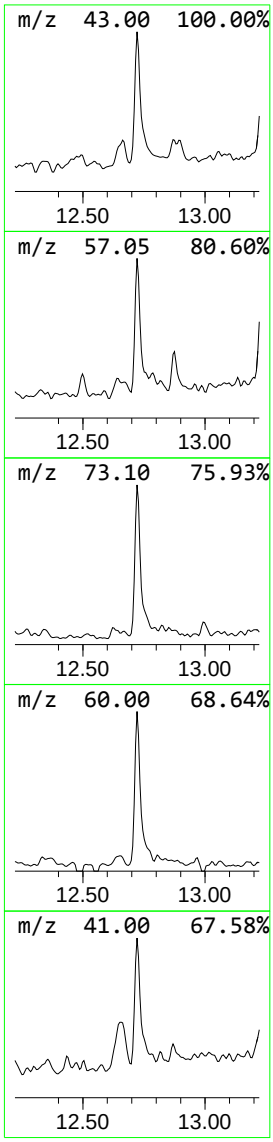
****

Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	2.94 ng	131350	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

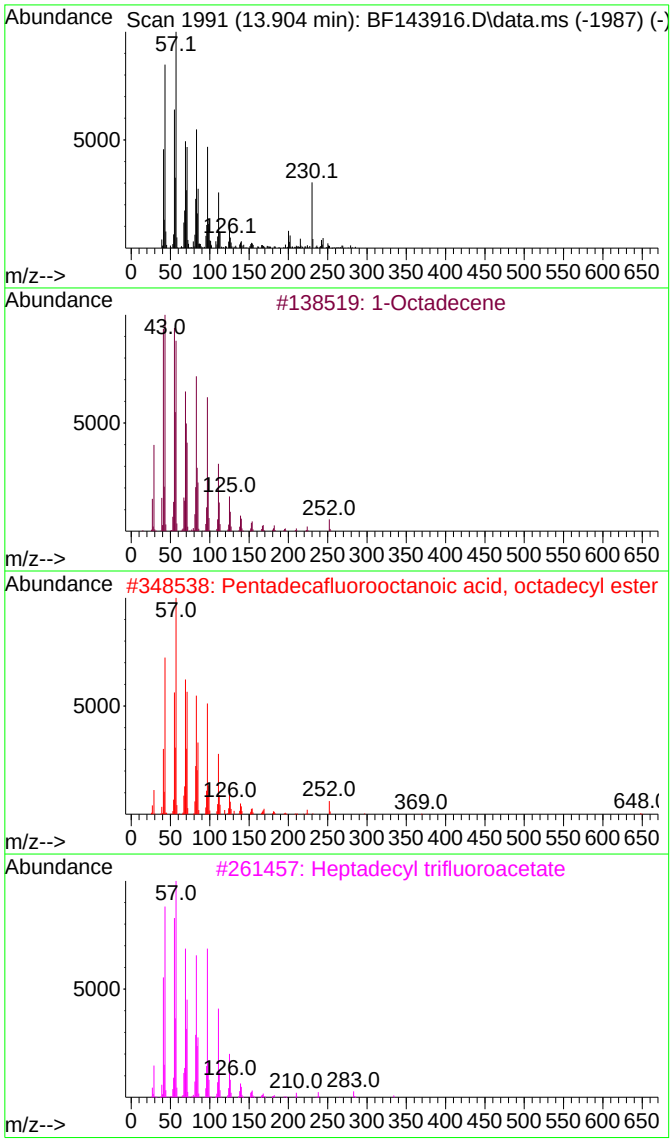
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

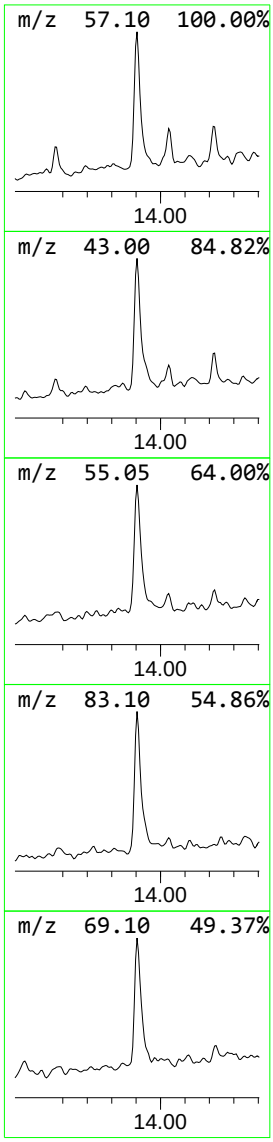
****

Peak Number 5 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	5.92 ng	347697	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	90
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

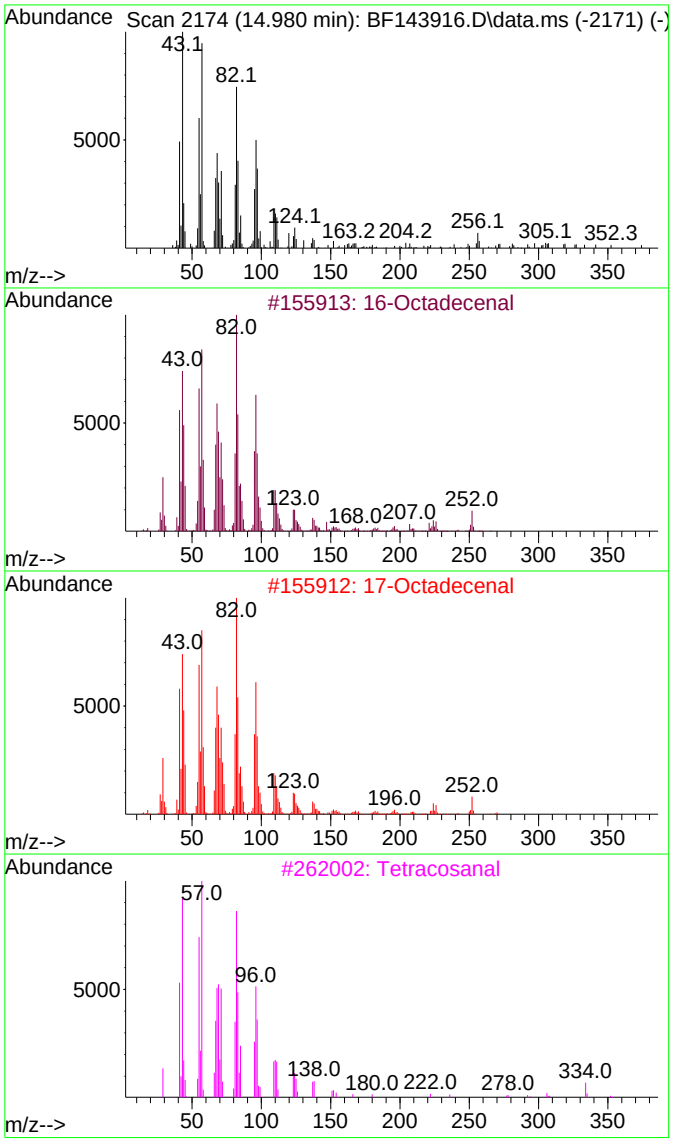
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

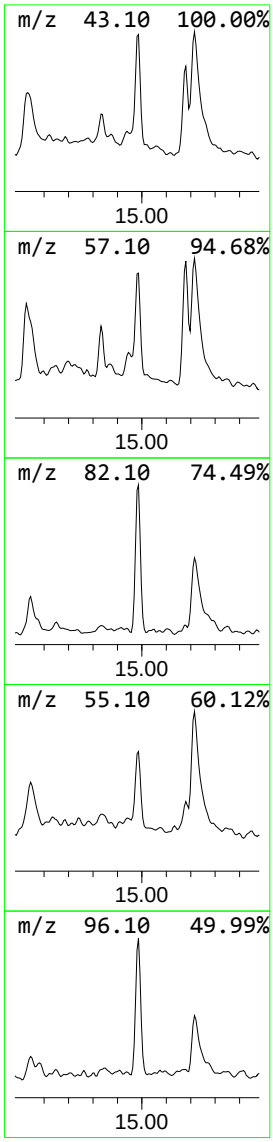
****

Peak Number 6 16-Octadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.980	6.06 ng	244367	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenal	266	C18H34O	056554-87-1	94
2	17-Octadecenal	266	C18H34O	056554-86-0	94
3	Tetracosanal	352	C24H48O	057866-08-7	94
4	13-Octadecenal	266	C18H34O	056554-90-6	94
5	14-Octadecenal	266	C18H34O	056554-89-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

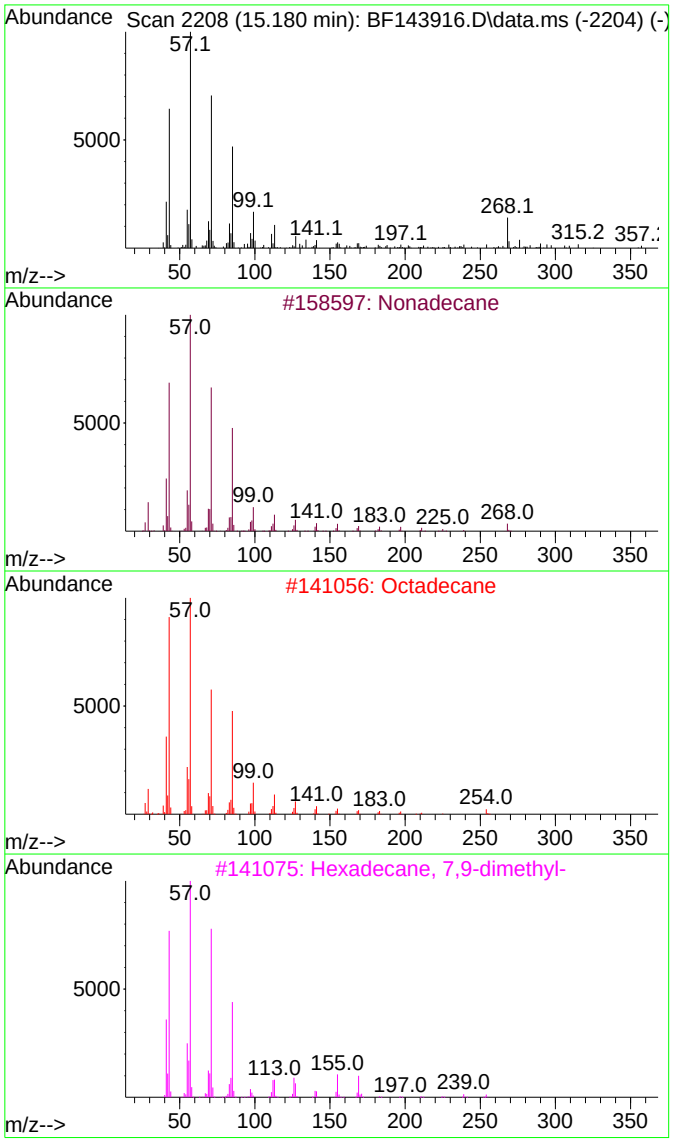
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

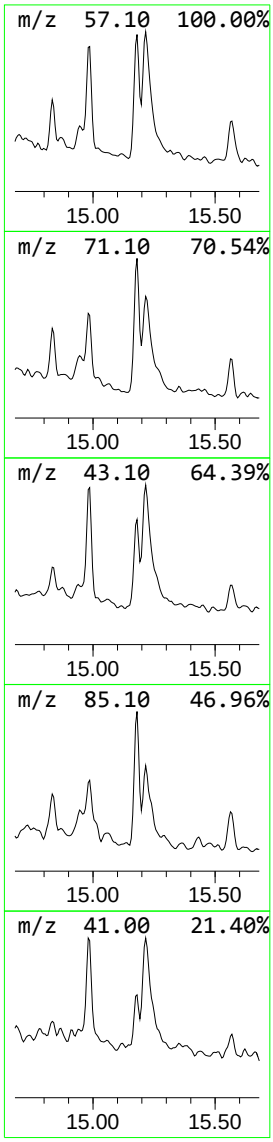
****

Peak Number 7 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	2.53 ng	102085	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

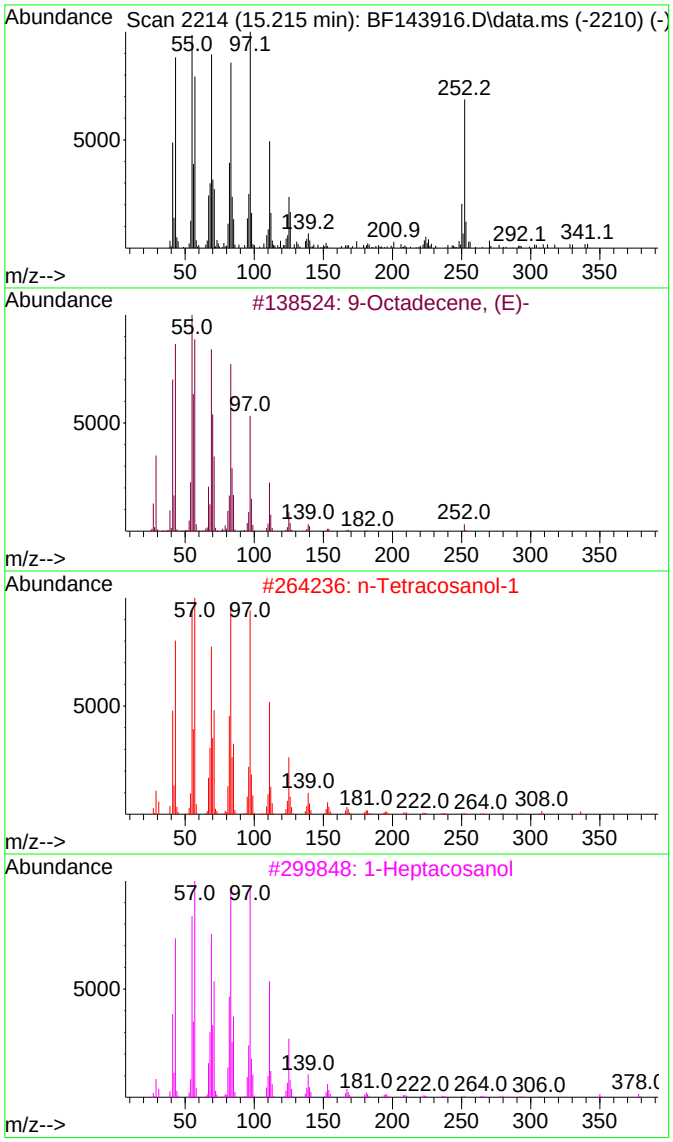
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

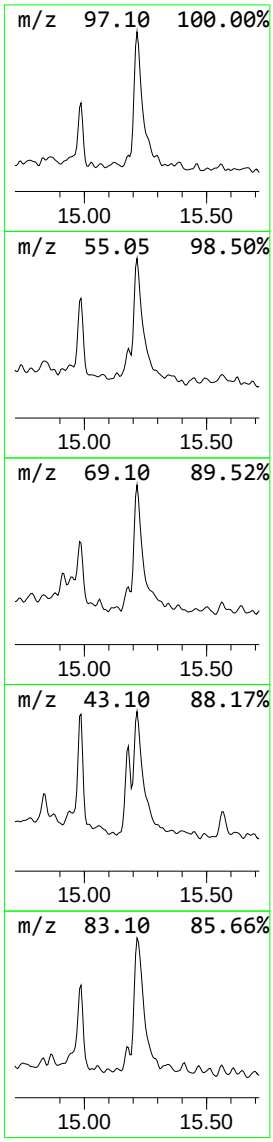
****

Peak Number 8 9-Octadecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	8.99 ng	362295	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3	1-Heptacosanol	396	C27H56O	002004-39-9	83
4	Behenic alcohol	326	C22H46O	000661-19-8	80
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

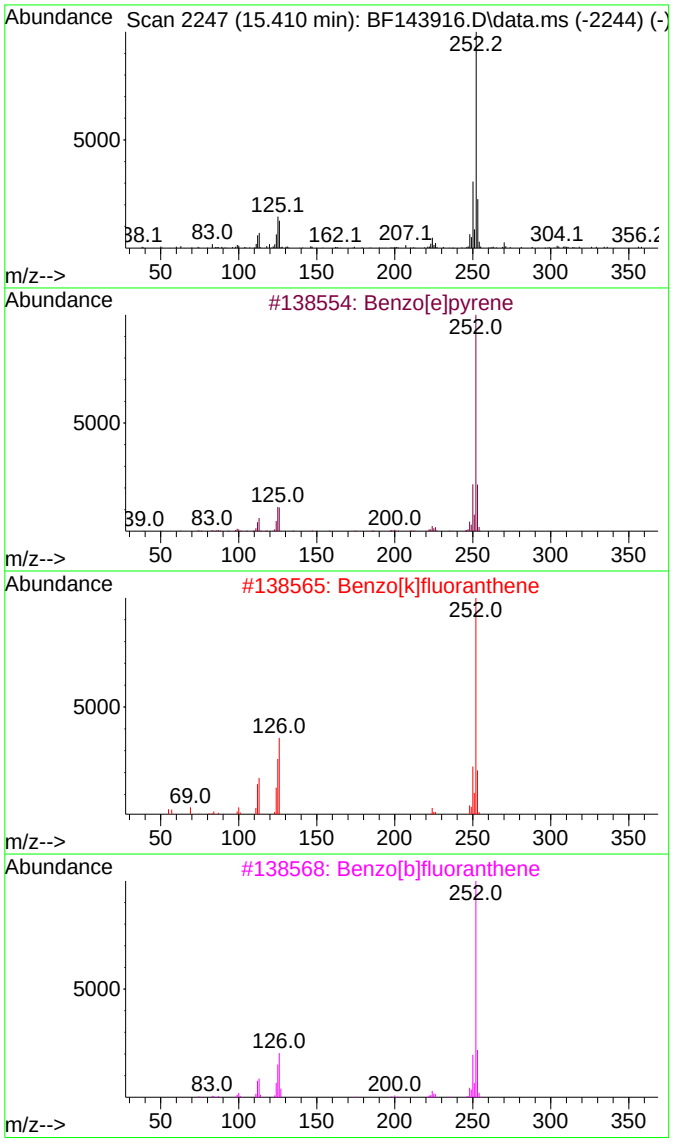
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

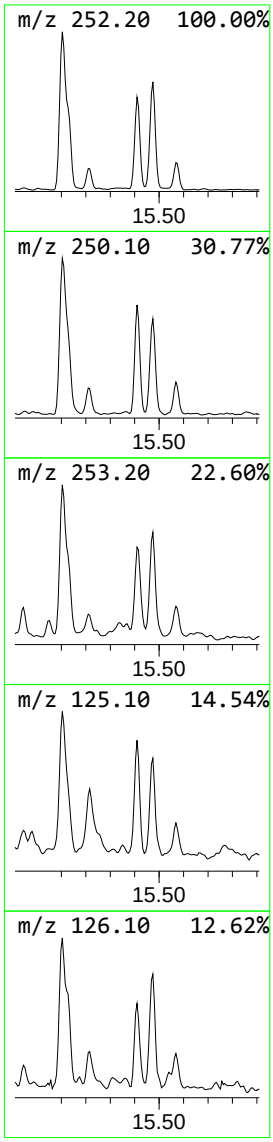
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.31 ng	133425	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

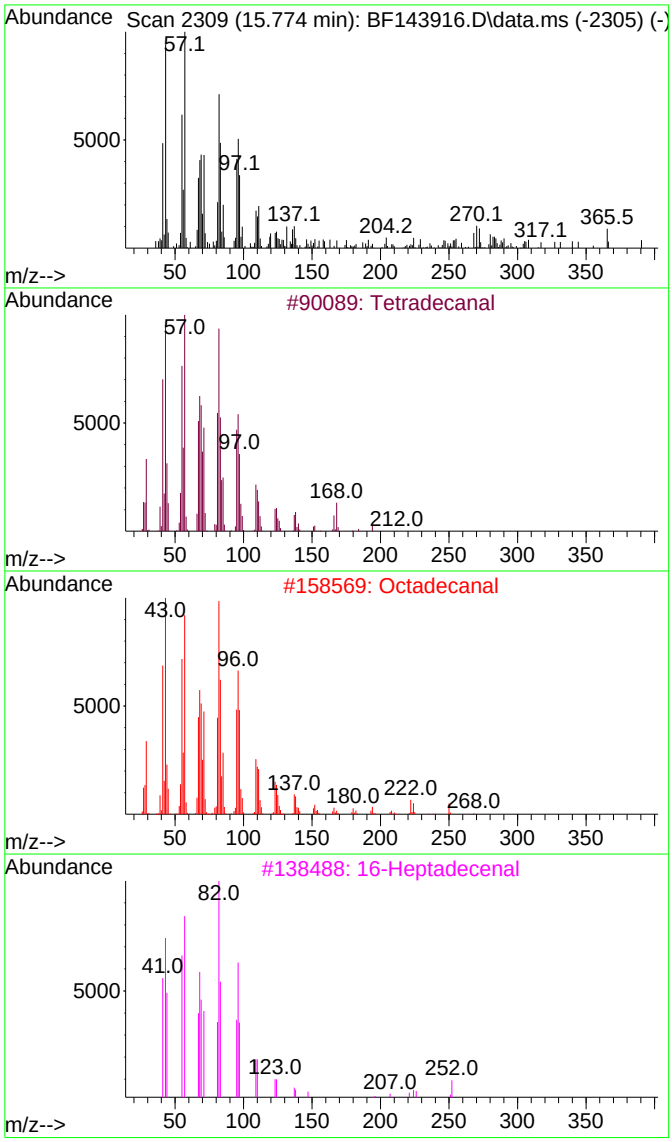
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

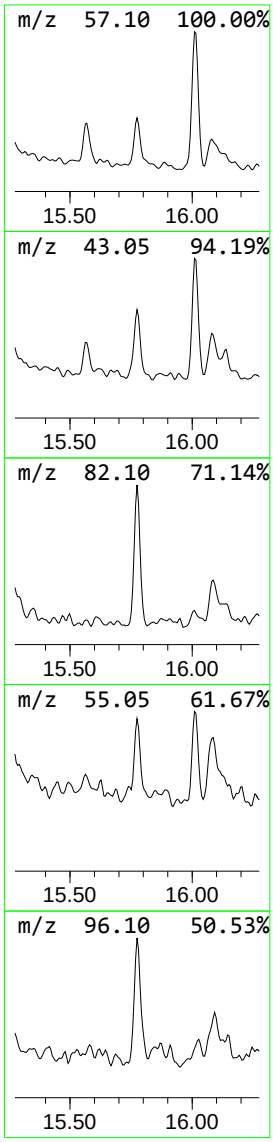
****

Peak Number 10 Tetradecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	3.39 ng	136706	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	87
2	Octadecanal	268	C18H36O	000638-66-4	87
3	16-Heptadecenal	252	C17H32O	1010144-57-9	86
4	Eicosanal-	296	C20H40O	002400-66-0	83
5	Docosanal	324	C22H44O	057402-36-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

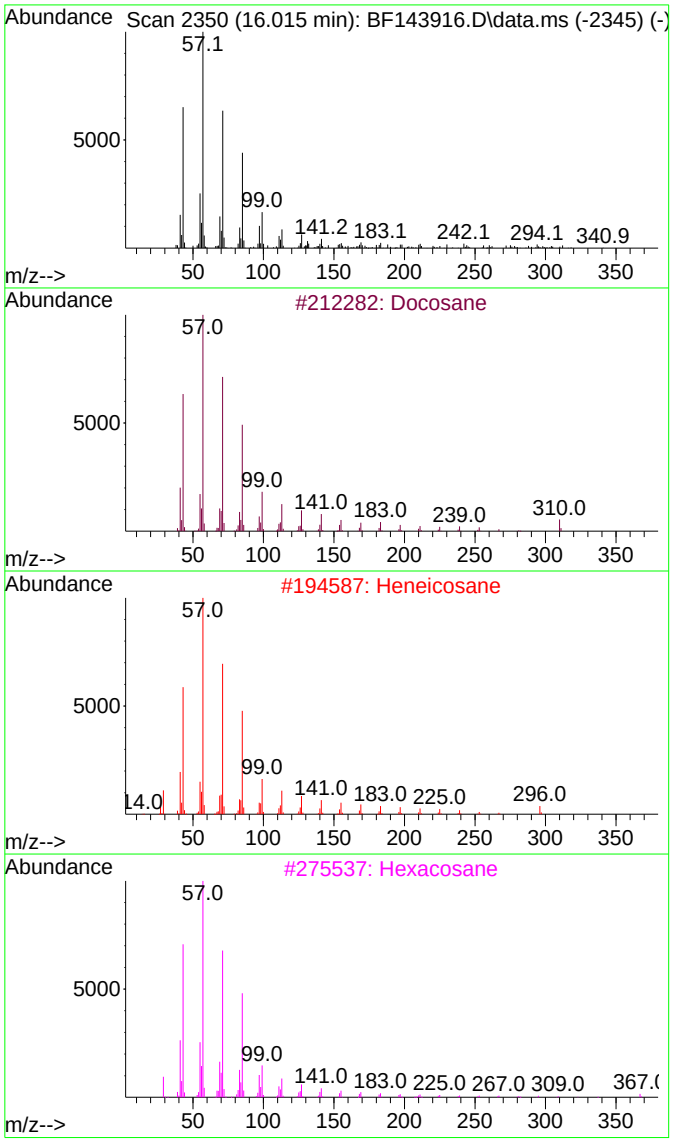
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

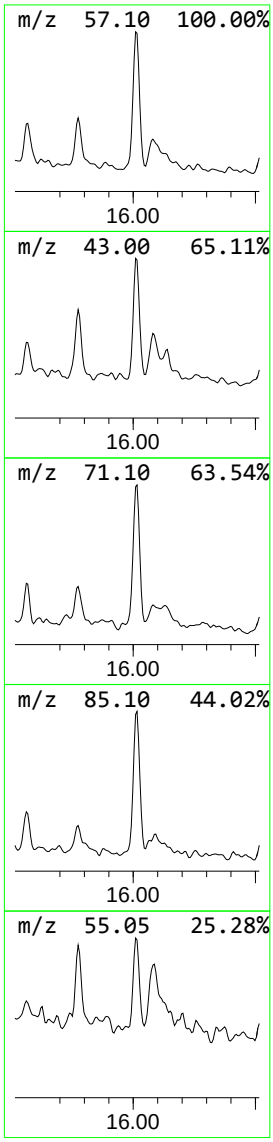
****

Peak Number 11 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	3.51 ng	141337	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143916.D
Acq On : 09 Oct 2025 18:44
Operator : RC/JU
Sample : Q3318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.633	6.9	ng	260994	3	9.922	753157	20.0
n-Hexadecanoic ...	11.933	13.9	ng	620419	4	11.410	894086	20.0
4H-Cyclopenta[d...	12.028	3.0	ng	132196	4	11.410	894086	20.0
Octadecanoic acid	12.722	2.9	ng	131350	4	11.410	894086	20.0
1-Octadecene	13.904	5.9	ng	347697	5	14.057	1174490	20.0
16-Octadecenal	14.980	6.1	ng	244367	6	15.539	805855	20.0
Nonadecane	15.180	2.5	ng	102085	6	15.539	805855	20.0
9-Octadecene, (E)-	15.216	9.0	ng	362295	6	15.539	805855	20.0
Benzo[e]pyrene	15.410	3.3	ng	133425	6	15.539	805855	20.0
Tetradecanal	15.774	3.4	ng	136706	6	15.539	805855	20.0
Docosane	16.015	3.5	ng	141337	6	15.539	805855	20.0