LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026246.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.831	316	322	332	rVB	517877	768397	12.09%	1.032%
2	5.284	391	399	409	rBV	2074050	3197106	50.30%	4.293%
3	6.843	656	664	688	rBV	1916666	3270660	51.46%	4.392%
4	7.325	738	746	751	rBV7	28084	82815	1.30%	0.111%
5	7.660	796	803	810	rBV	1020084	1601506	25.20%	2.151%
6	8.796	981	996	1007	rBV	1286697	2179197	34.29%	2.926%
7	10.419	1263	1272	1280	rBV	1259433	2277646	35.84%	3.058%
8	11.466	1444	1450	1459	rBV5	28204	73311	1.15%	0.098%
9	11.625	1473	1477	1482	rBV2	44990	77772	1.22%	0.104%
10	11.872	1513	1519	1525	rBV	63333	121603	1.91%	0.163%
11	12.084	1548	1555	1564	rVB4	56609	139277	2.19%	0.187%
12	12.319	1590	1595	1598	rBV	45558	80024	1.26%	0.107%
13	12.907	1688	1695	1702	rBV	3240502	4735916	74.51%	6.359%
14	13.125	1726	1732	1739	rVB	108855	162935	2.56%	0.219%
15	13.454	1783	1788	1795	rBV5	41719	90730	1.43%	0.122%
16	13.572	1804	1808	1811	rBV4	58351	88303	1.39%	0.119%
17	13.613	1811	1815	1819	rVV	92402	145994	2.30%	0.196%
18	13.660	1820	1823	1828	rVB3	63325	97480	1.53%	0.131%
19	13.742	1828	1837	1842	rBV3	74140	213239	3.35%	0.286%
20	14.007	1877	1882	1895	rBV	318216	598829	9.42%	0.804%
21	14.131	1900	1903	1910	rVB6	41773	82440	1.30%	0.111%
22	14.225	1914	1919	1923	rBV	173035	243875	3.84%	0.327%
23	14.295	1924	1931	1938	rVV	1986811	2887087	45.42%	3.877%
24	14.360	1938	1942	1949	rVB3	57603	126651	1.99%	0.170%
25	14.778	2009	2013	2018	rVB2	58614	92575	1.46%	0.124%
26	14.848	2021	2025	2031	rVB4	59700	100924	1.59%	0.136%
27	14.925	2033	2038	2043	rBV4	86174	194179	3.06%	0.261%
28	15.184	2078	2082	2087	rVB	278022	356195	5.60%	0.478%
29	15.360	2108	2112	2114	rBV4	79295	117987	1.86%	0.158%
30	15.613	2151	2155	2159	rVB2	198453	276347	4.35%	0.371%
31	15.684	2163	2167	2173	rVB	446898	661166	10.40%	0.888%
32	15.813	2183	2189	2197	rVB	2261692	3493767	54.97%	4.691%
33	16.066	2227	2232	2236	rBV2	256378	409323	6.44%	0.550%
34	16.660	2329	2333	2341	rVB2	266231	421548	6.63%	0.566%
35	16.889	2368	2372	2375	rBV	316332	464489	7.31%	0.624%
36	16.948	2379	2382	2388	rVB2	221000	376210	5.92%	0.505%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.095	2402	2407	2411	rBV	2267300	3038067	47.80%	4.080%
38	17.136	2411	2414	2422	rVB	537243	791167	12.45%	1.062%
39	17.242	2429	2432	2438	rVB	225396	307416	4.84%	0.413%
40	17.648	2497	2501	2506	rVB	375195	525608	8.27%	0.706%
41	18.054	2565	2570	2576	rVB2	1022212	1547877	24.35%	2.078%
42	18.136	2582	2584	2590	rVB	157263	184257	2.90%	0.247%
43	18.201	2591	2595	2600	rBV2	366972	632444	9.95%	0.849%
44	18.372	2621	2624	2628	rVB2	427063	506678	7.97%	0.680%
45	18.425	2630	2633	2638	rBV4	261732	411908	6.48%	0.553%
46	18.760	2685	2690	2692	rBV3	318241	591288	9.30%	0.794%
47	18.960	2720	2724	2728	rBV	551146	932903	14.68%	1.253%
48	19.025	2729	2735	2738	rVV3	1111012	2235047	35.17%	3.001%
49	19.077	2742	2744	2746	rVV2	316561	334546	5.26%	0.449%
50	19.101	2746	2748	2754	rVB3	560521	803649	12.64%	1.079%
51	19.230	2766	2770	2774	rBV	937219	1369048	21.54%	1.838%
52	19.295	2778	2781	2785	rBV3	627598	828726	13.04%	1.113%
53	19.342	2787	2789	2790	rVV2	515294	353036	5.55%	0.474%
54	19.377	2793	2795	2800	rVV3	699533	1043553	16.42%	1.401%
55	19.419	2800	2802	2806	rVB2	544817	453121	7.13%	0.608%
56	19.607	2830	2834	2836	rBV	1508713	1863746	29.32%	2.503%
57	19.830	2867	2872	2877	rVB	4696015	6355859	100.00%	8.535%
58	19.972	2888	2896	2898	rBV4	1272172	2460541	38.71%	3.304%
59	20.024	2903	2905	2906	rVV	864673	584412	9.19%	0.785%
60	20.060	2909	2911	2913	rVV2	739528	795329	12.51%	1.068%
61	20.083	2913	2915	2916	rVV	843308	733197	11.54%	0.985%
62	20.101	2916	2918	2921	rVB	696460	653448	10.28%	0.877%
63	20.283	2946	2949	2950	rBV	1130322	960683	15.11%	1.290%
64	20.489	2982	2984	2985	rBV2	476598	237244	3.73%	0.319%
65	20.554	2993	2995	2997	rBV	577265	344374	5.42%	0.462%
66	20.577	2997	2999	3003	rVB3	816816	823969	12.96%	1.106%
67	20.748	3026	3028	3029	rBV	821866	491474	7.73%	0.660%
68	21.030	3073	3076	3078	rBV2	1320683	1316116	20.71%	1.767%
69	21.077	3081	3084	3094	rVB4	2340107	4826450	75.94%	6.481%
70	21.530	3156	3161	3166	rBV2	2130676	4119170	64.81%	5.531%
71	21.907	3223	3225	3228	rBV3	725673	707357	11.13%	0.950%

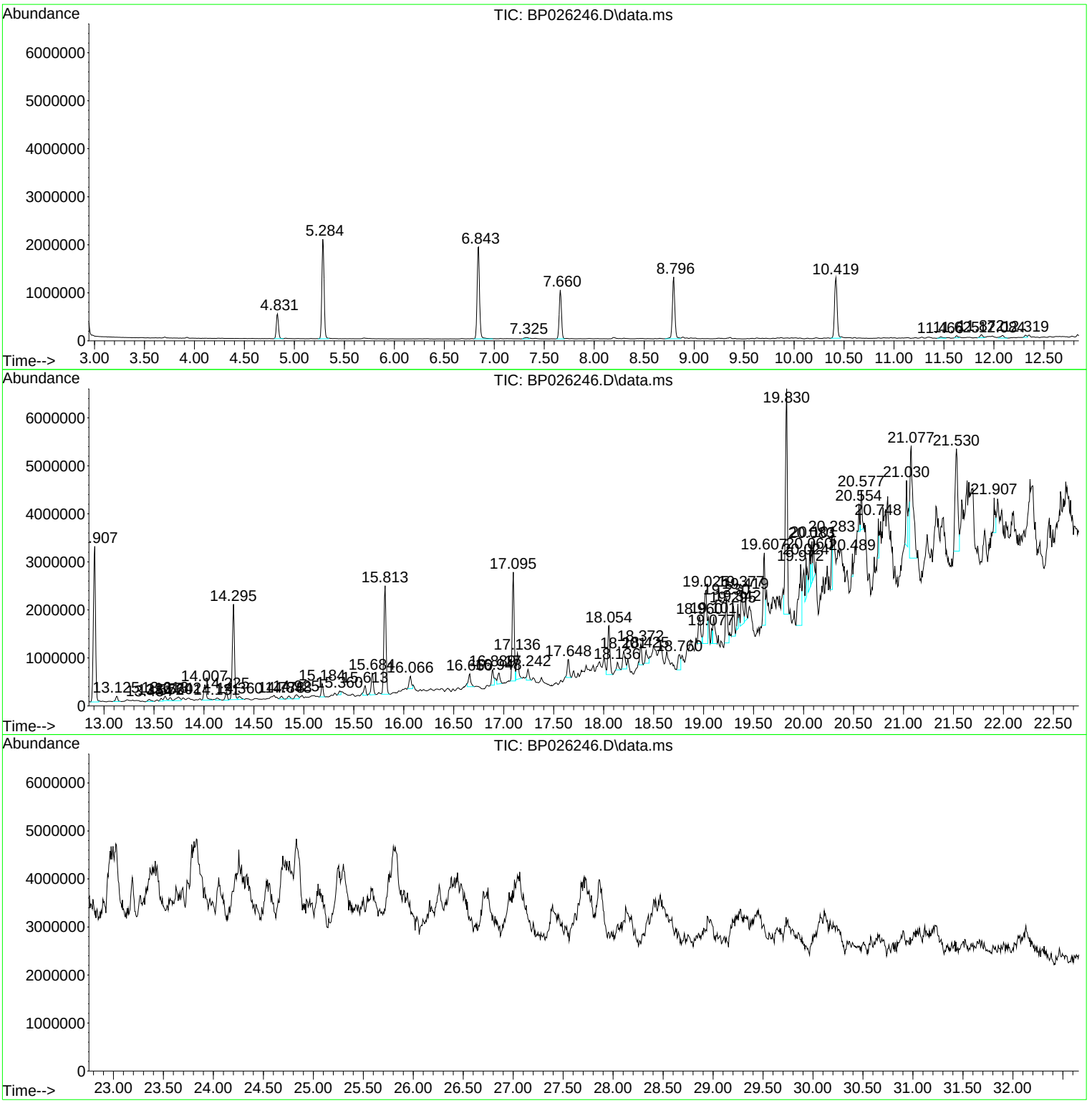
Sum of corrected areas: 74471211

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

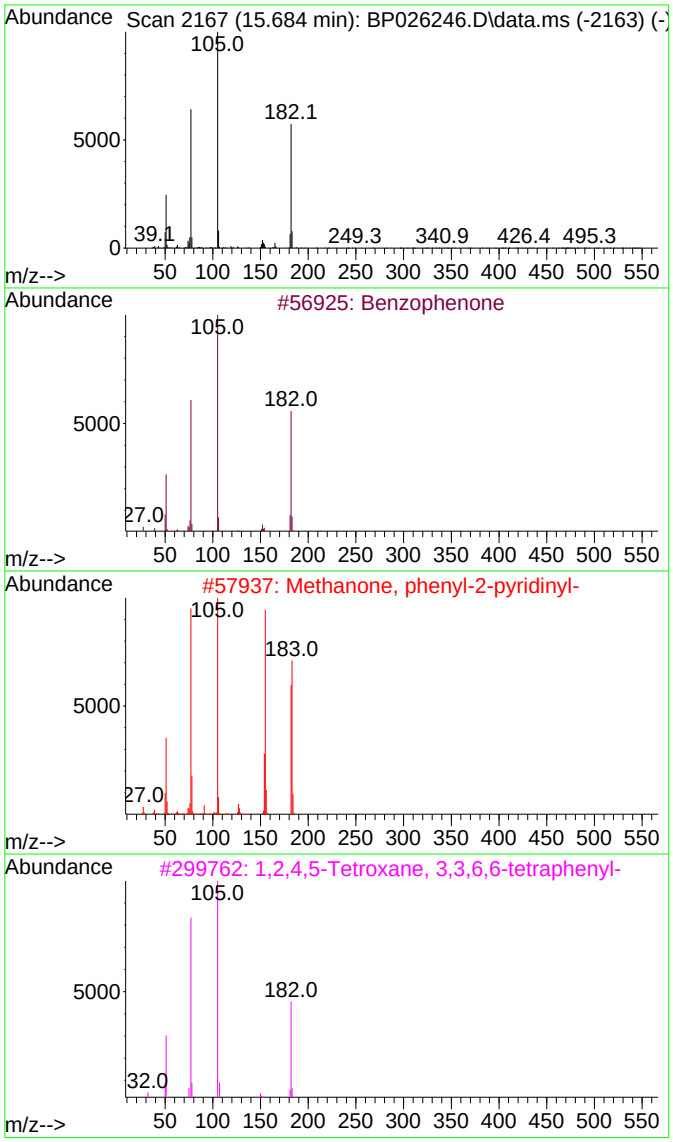
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

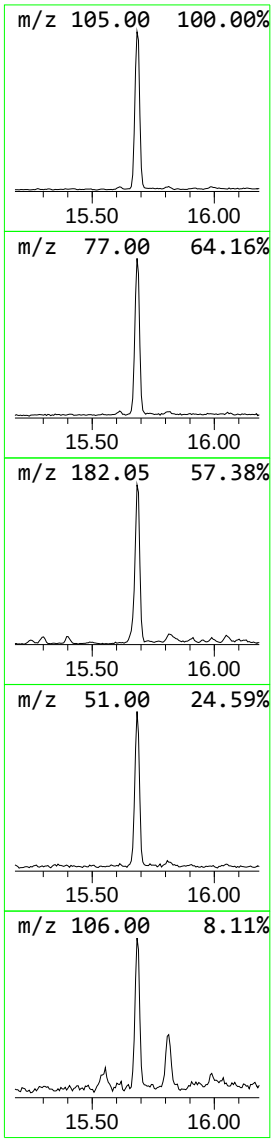
****

Peak Number 2 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.684	4.58 ng	661166	Acenaphthene-d10	14.295

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Azobenzene	182	C12H10N2	000103-33-3	59
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

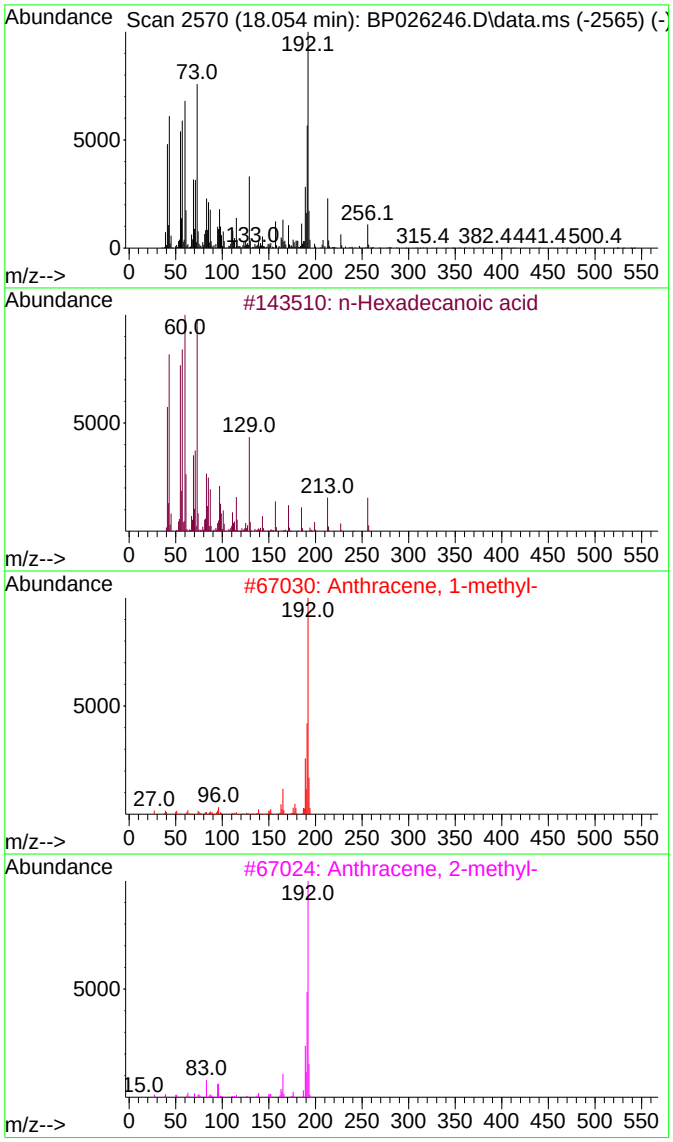
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

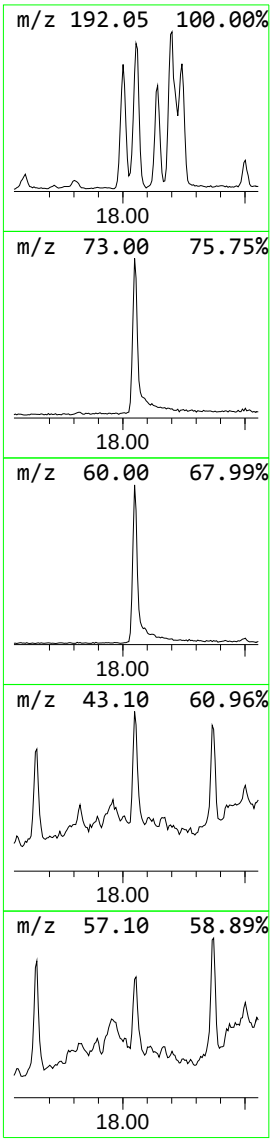
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.054	10.19 ng	1547880	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

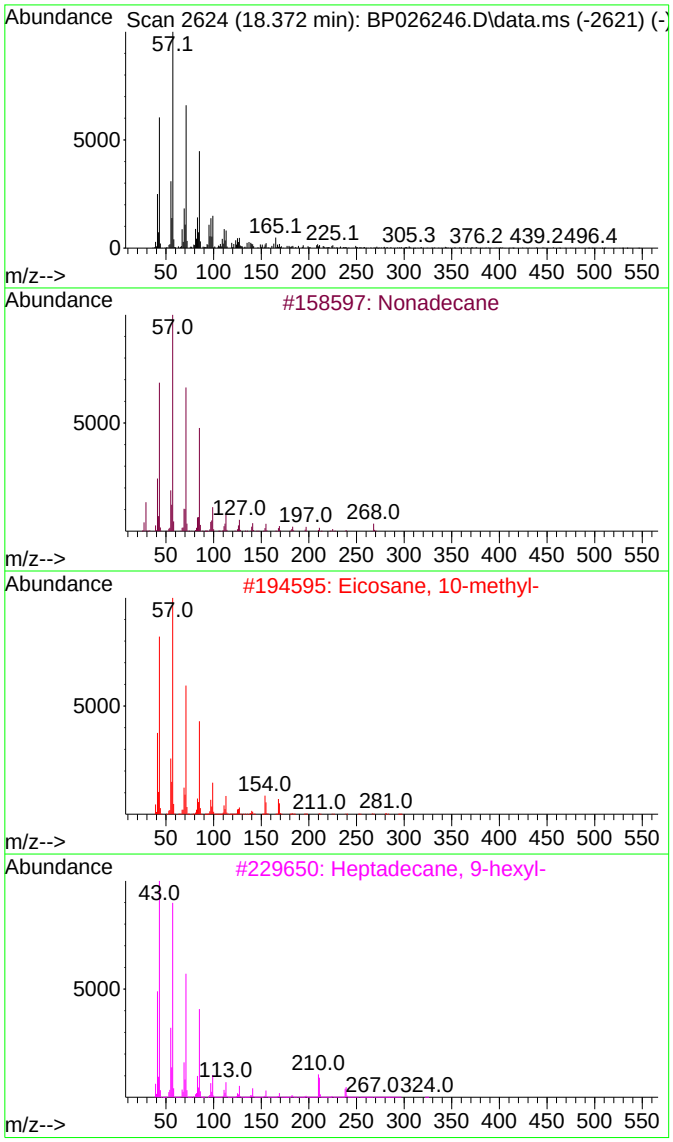
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

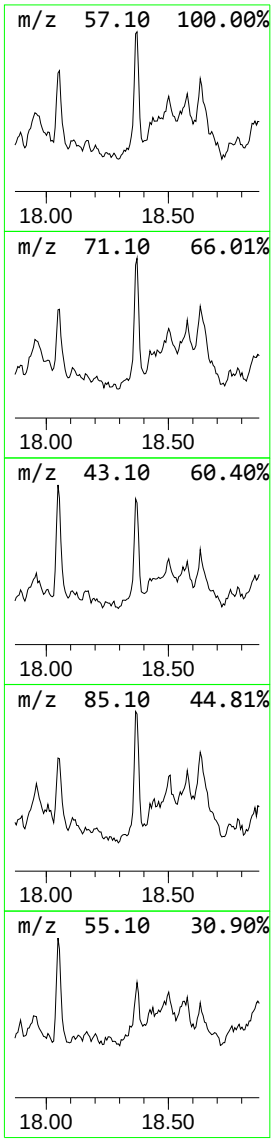
****

Peak Number 6 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.372	3.34 ng	506678	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4	Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

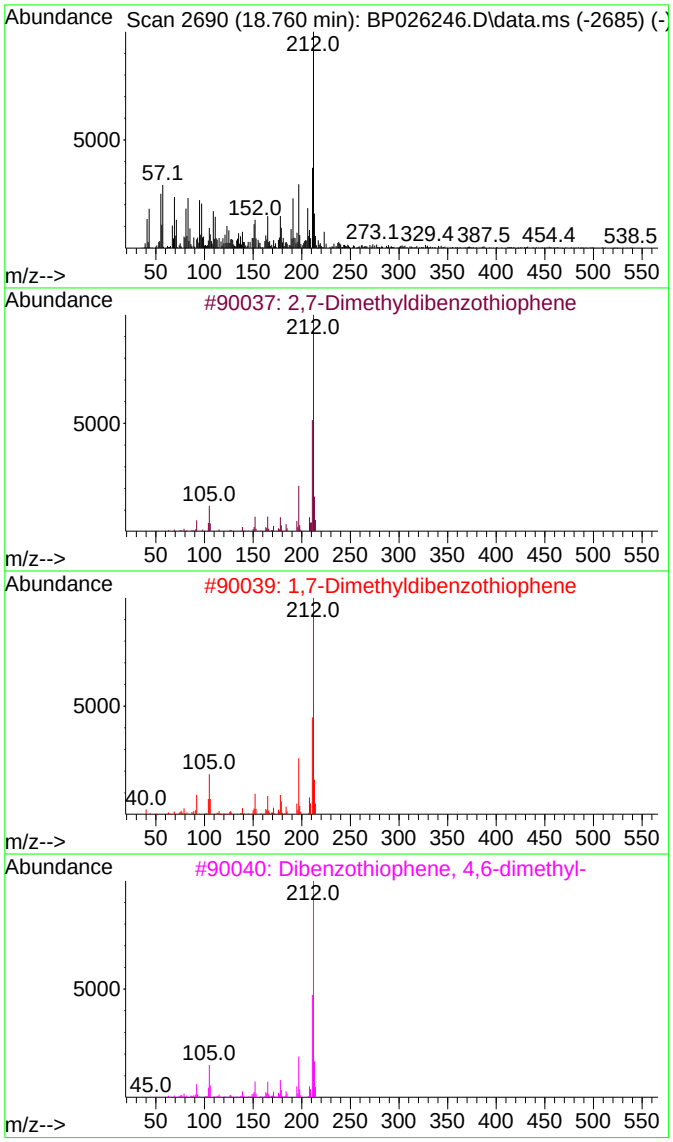
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

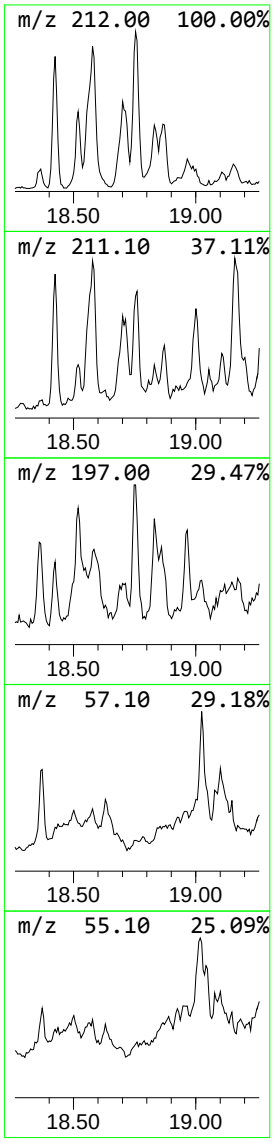
****

Peak Number 7 2,7-Dimethyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.760	3.89 ng	591288	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	87
2	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	78
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	64
4	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	64
5	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	60





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Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

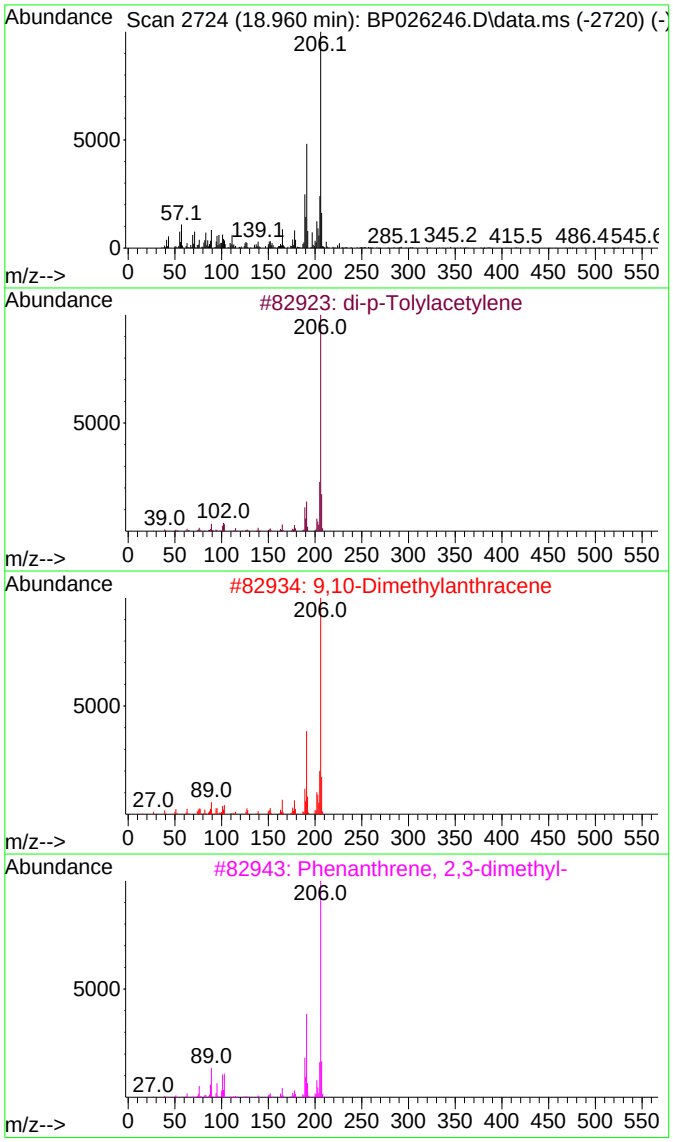
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

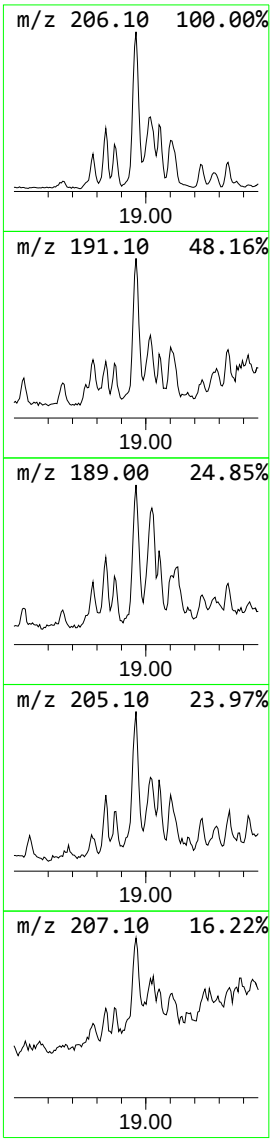
****

Peak Number 8 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.960	6.14 ng	932903	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

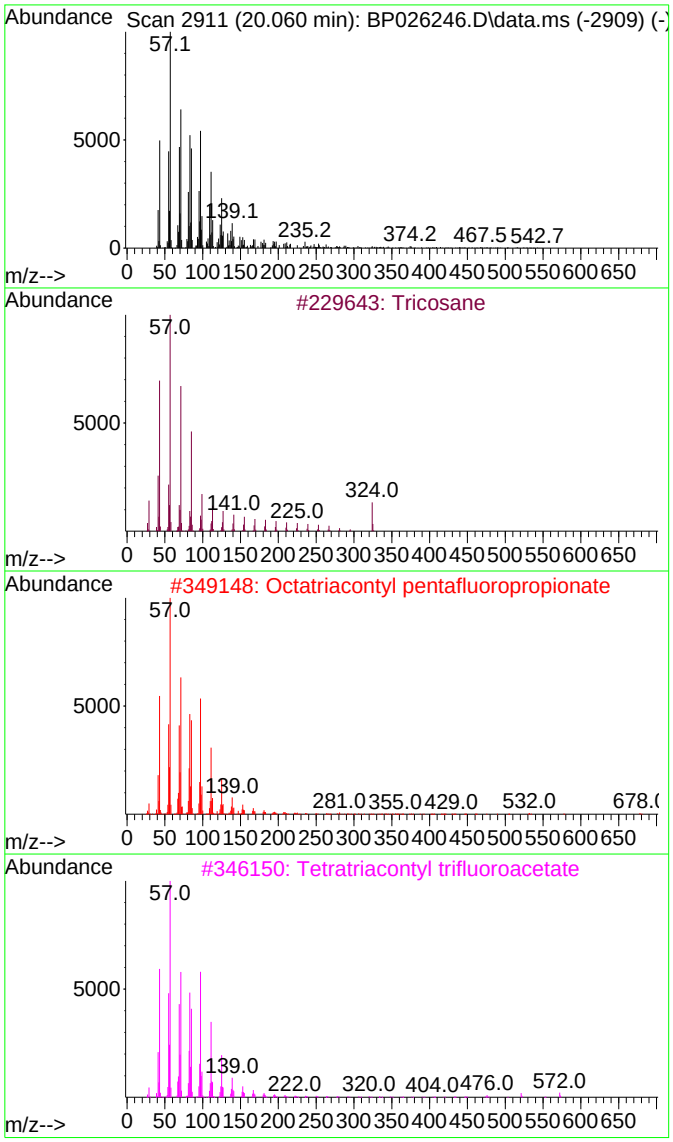
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

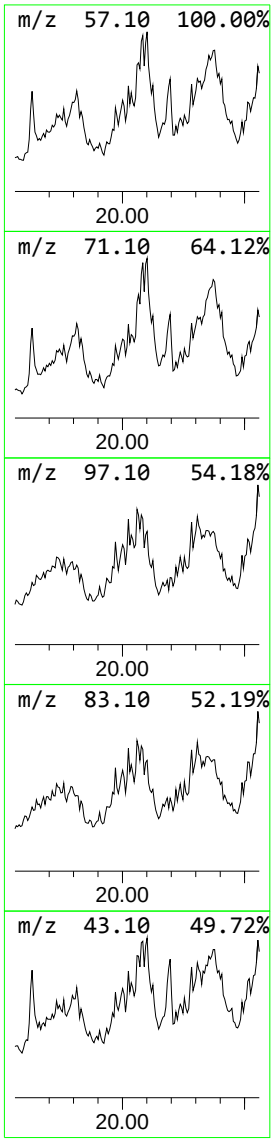
****

Peak Number 14 Tricosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.060	3.86 ng	795329	Chrysene-d12	21.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	89
3	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	81
4	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	81
5	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

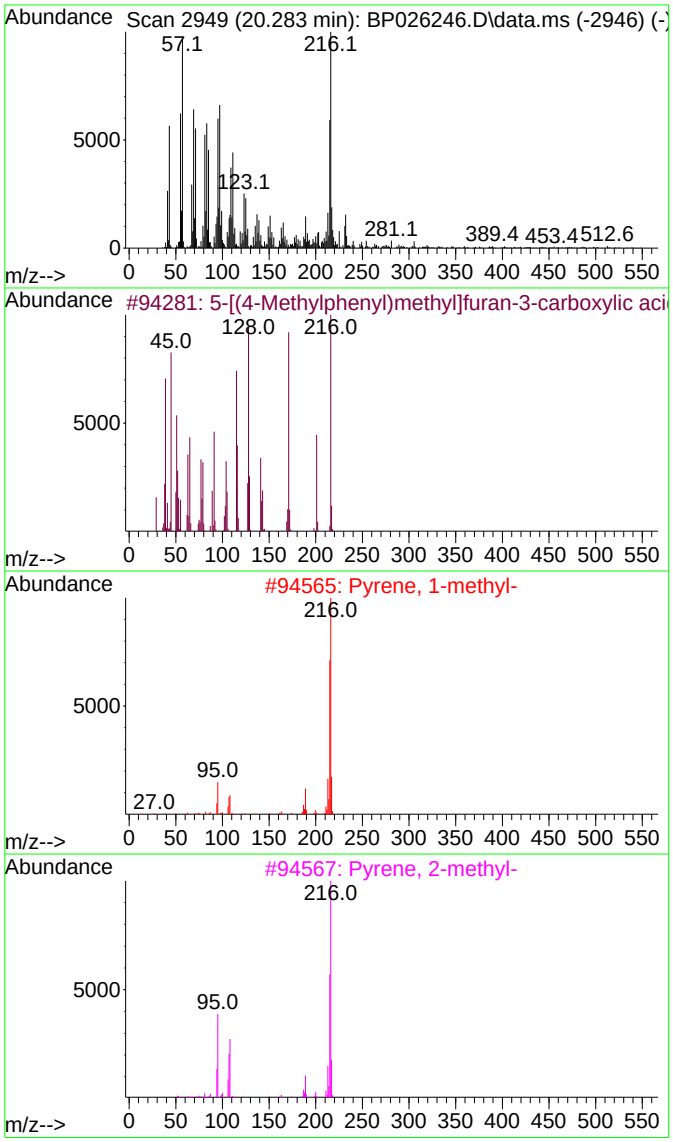
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

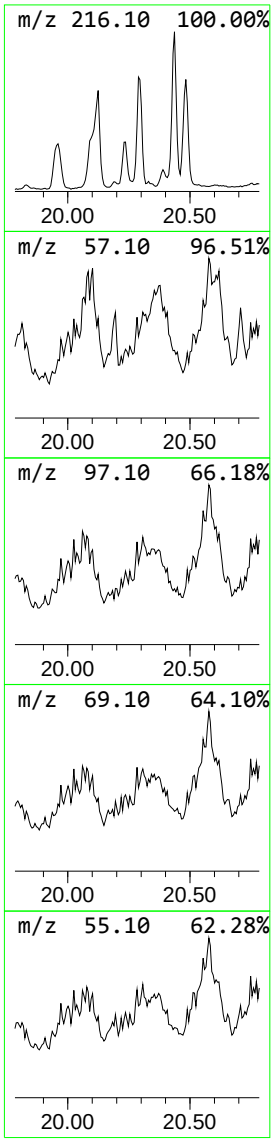
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5-[(4-Methylphenyl)methyl]f... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.283	4.66 ng	960683	Chrysene-d12	21.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-[(4-Methylphenyl)methyl]furan-...	216	C13H12O3	1000436-13-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	46
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	38
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	38





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Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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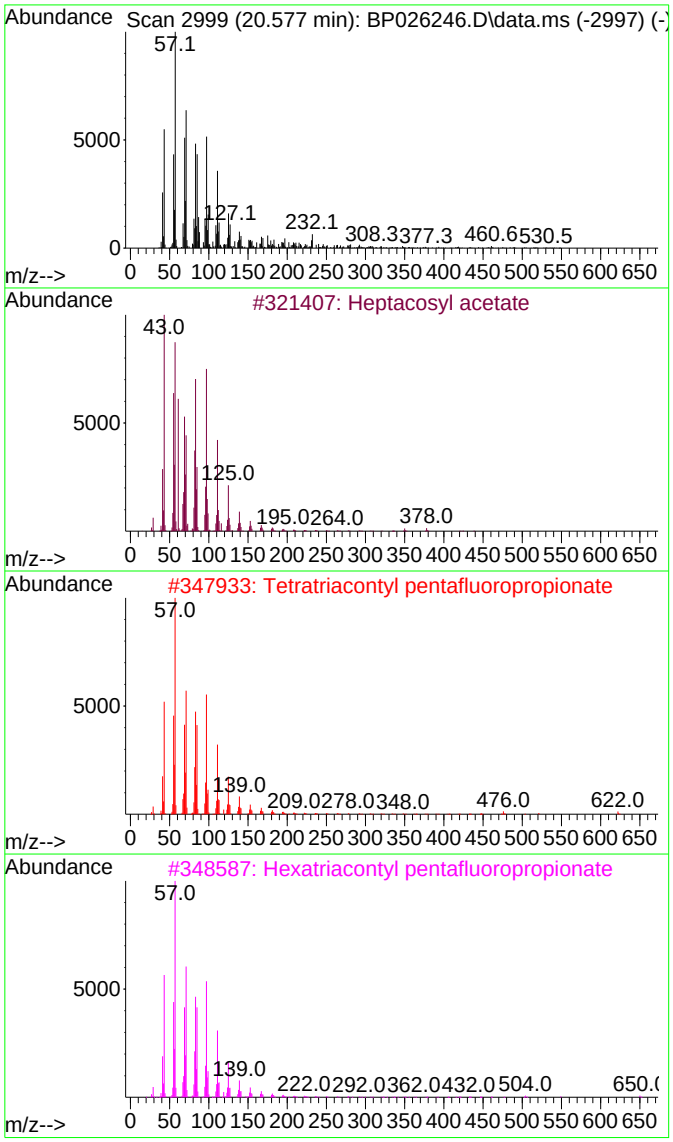
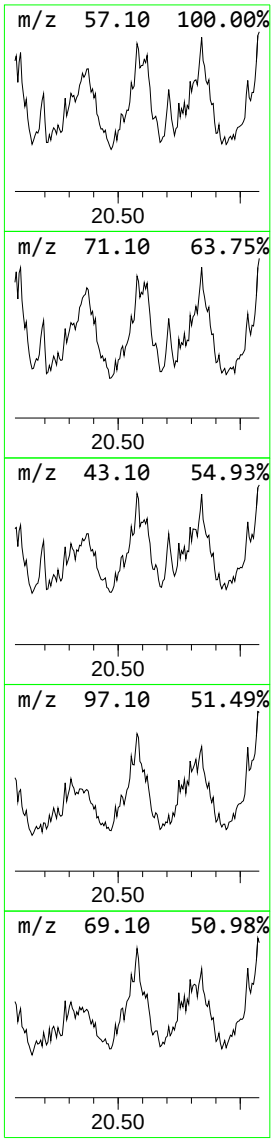
Peak Number 17 Heptacosyl acetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.577	4.00 ng	823969	Chrysene-d12	21.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	91
2	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	90
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	90
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	81
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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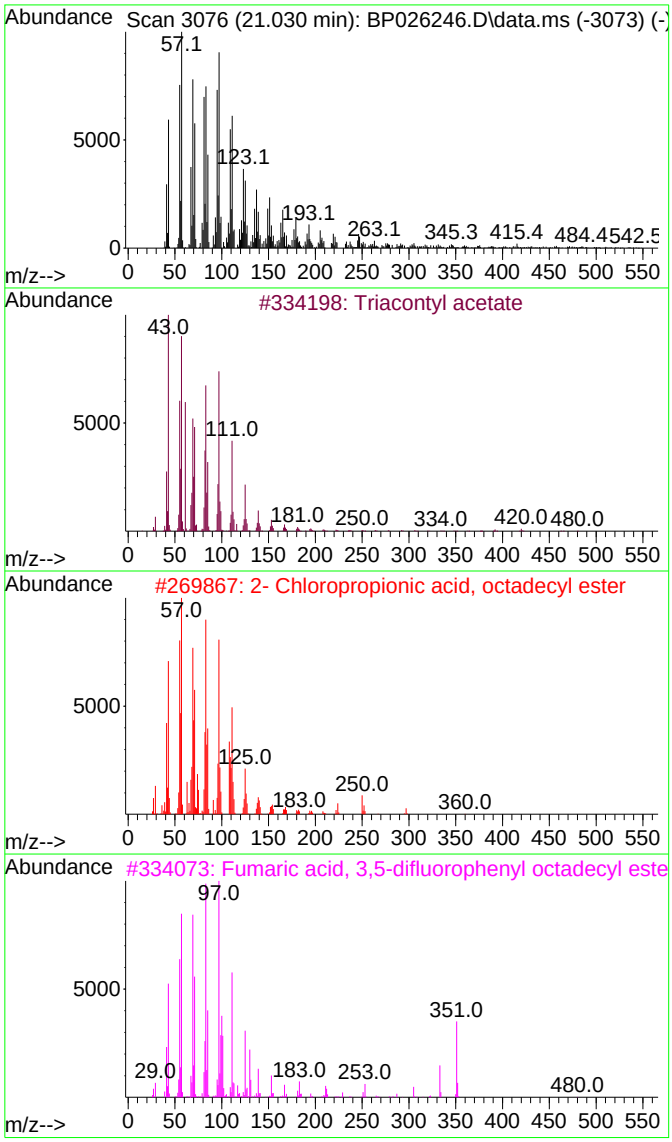
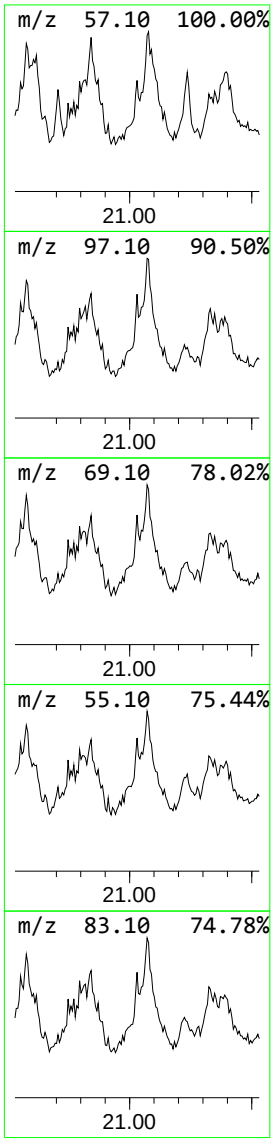
Peak Number 18 Triacontyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.030	6.39 ng	1316120	Chrysene-d12	21.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	89
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	89
3	Fumaric acid, 3,5-difluorophenyl...	480	C28H42F2O4	1000339-38-3	86
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	62
5	erythro-9,10-Dibromopentacosane	508	C25H50Br2	059907-02-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
Data File : BP026246.D
Acq On : 05 Dec 2025 20:14
Operator : RC/JU
Sample : Q3781-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-1242025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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	15.684	4.6	ng	661166	3	14.295	2887090	20.0
n-Hexadecanoic ...	18.054	10.2	ng	1547880	4	17.095	3038070	20.0
Nonadecane	18.372	3.3	ng	506678	4	17.095	3038070	20.0
2,7-Dimethyldib...	18.760	3.9	ng	591288	4	17.095	3038070	20.0
di-p-Tolylacety...	18.960	6.1	ng	932903	4	17.095	3038070	20.0
Tricosane	20.060	3.9	ng	795329	5	21.536	4119170	20.0
5-[(4-Methylphe...	20.283	4.7	ng	960683	5	21.536	4119170	20.0
Heptacosyl acetate	20.577	4.0	ng	823969	5	21.536	4119170	20.0
Triacontyl acetate	21.030	6.4	ng	1316120	5	21.536	4119170	20.0